



1/40

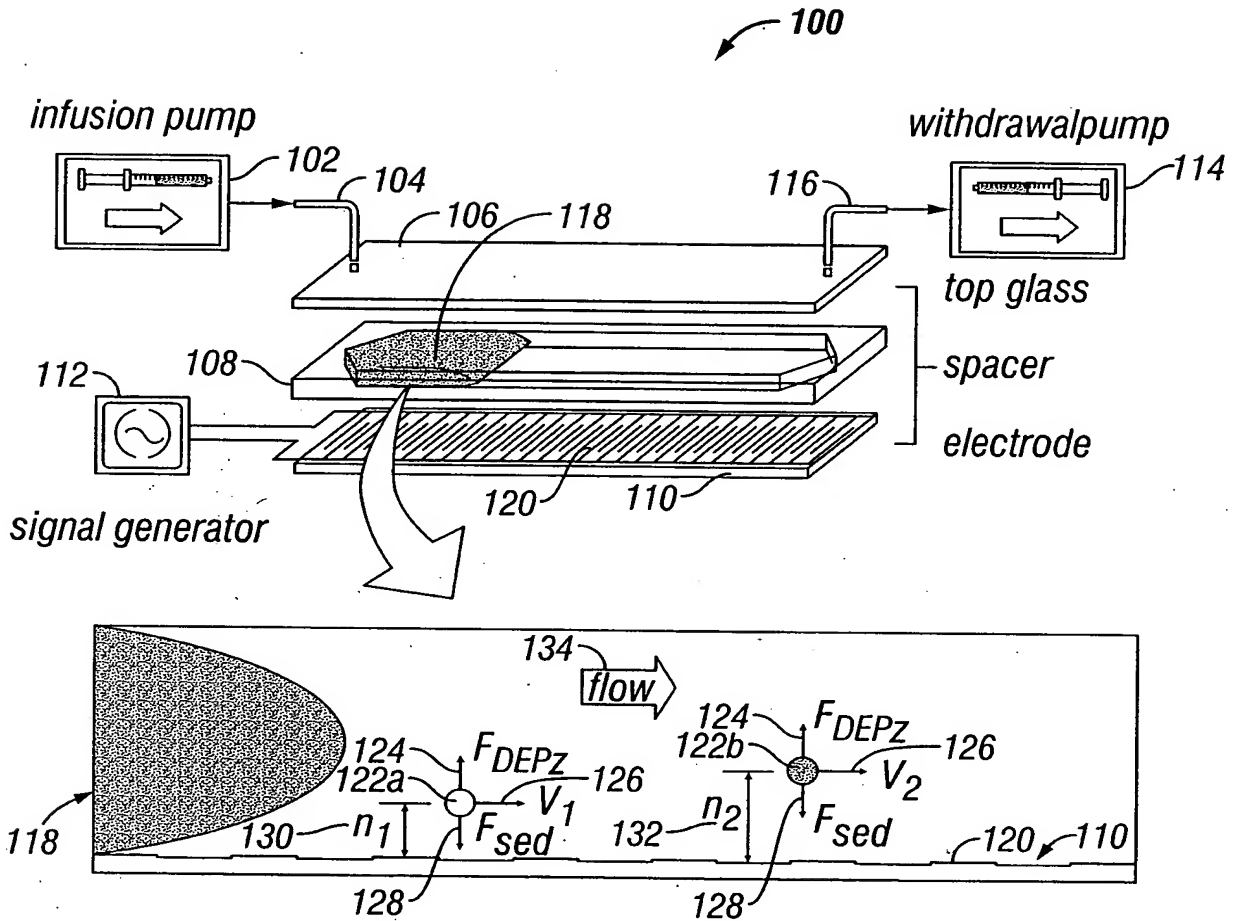


FIG. 1

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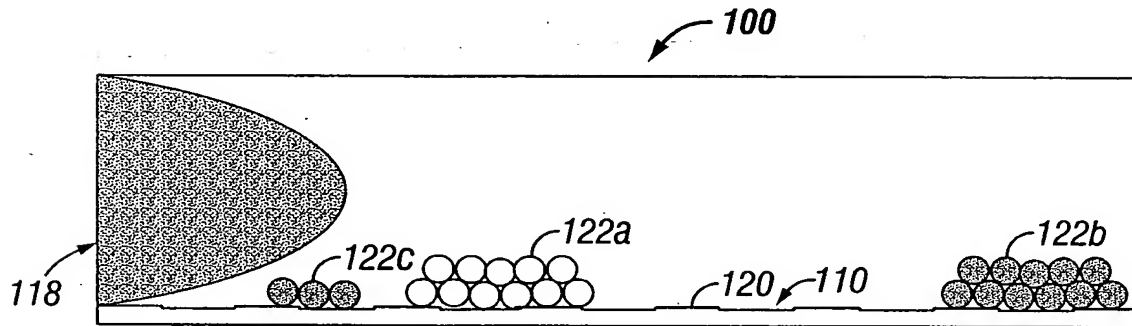


FIG. 2

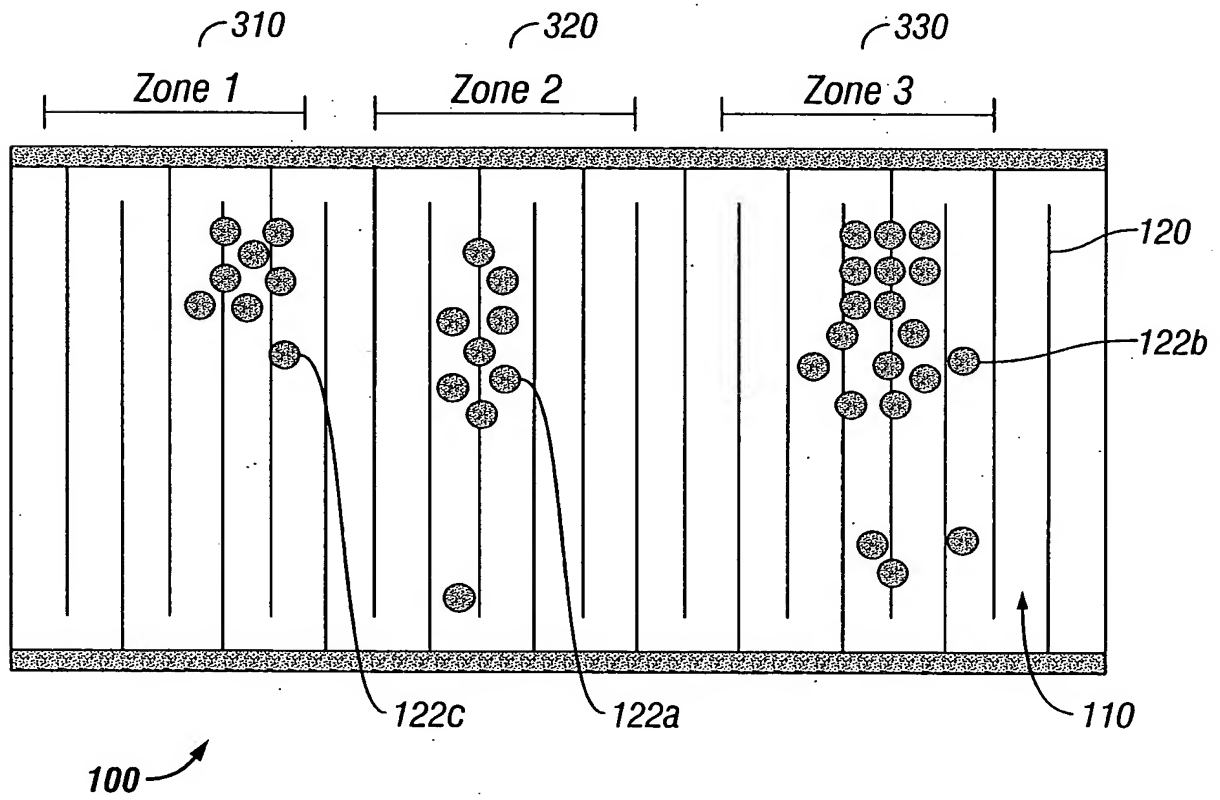


FIG. 3

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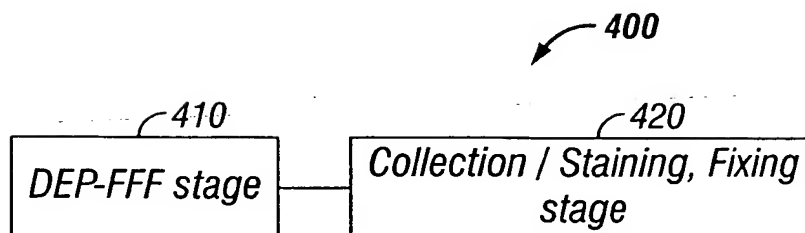


FIG. 4

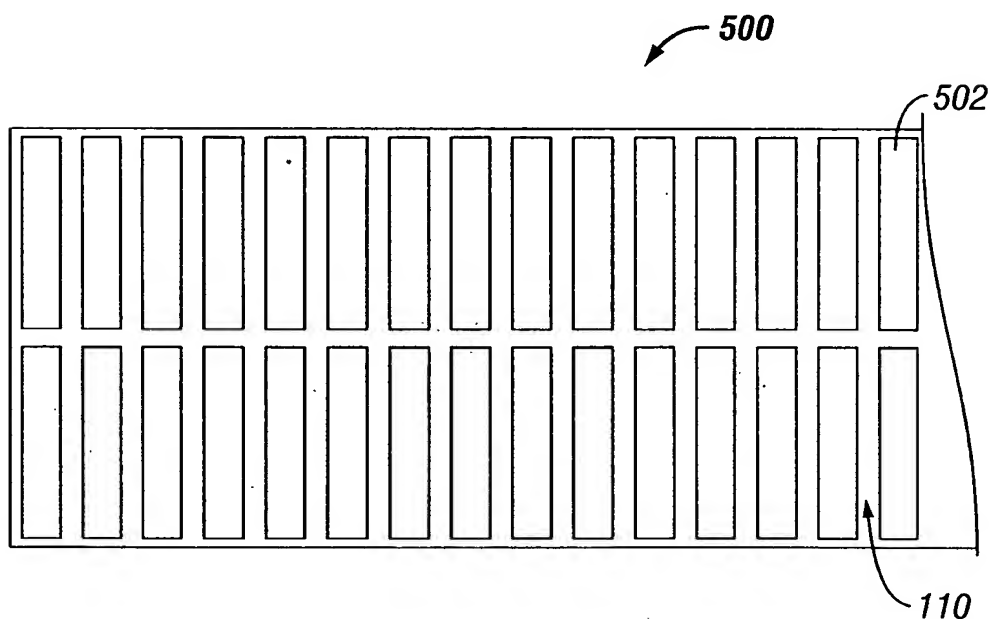


FIG. 5

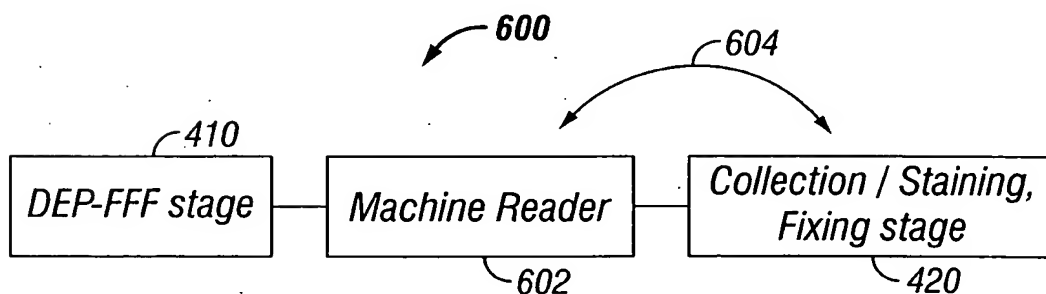


FIG. 6

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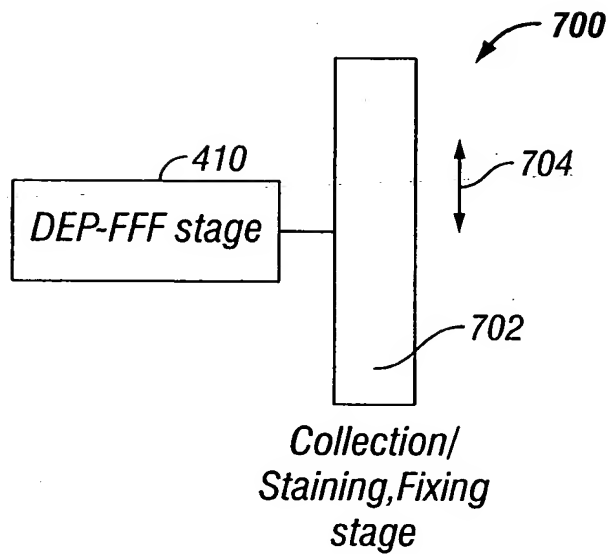


FIG. 7

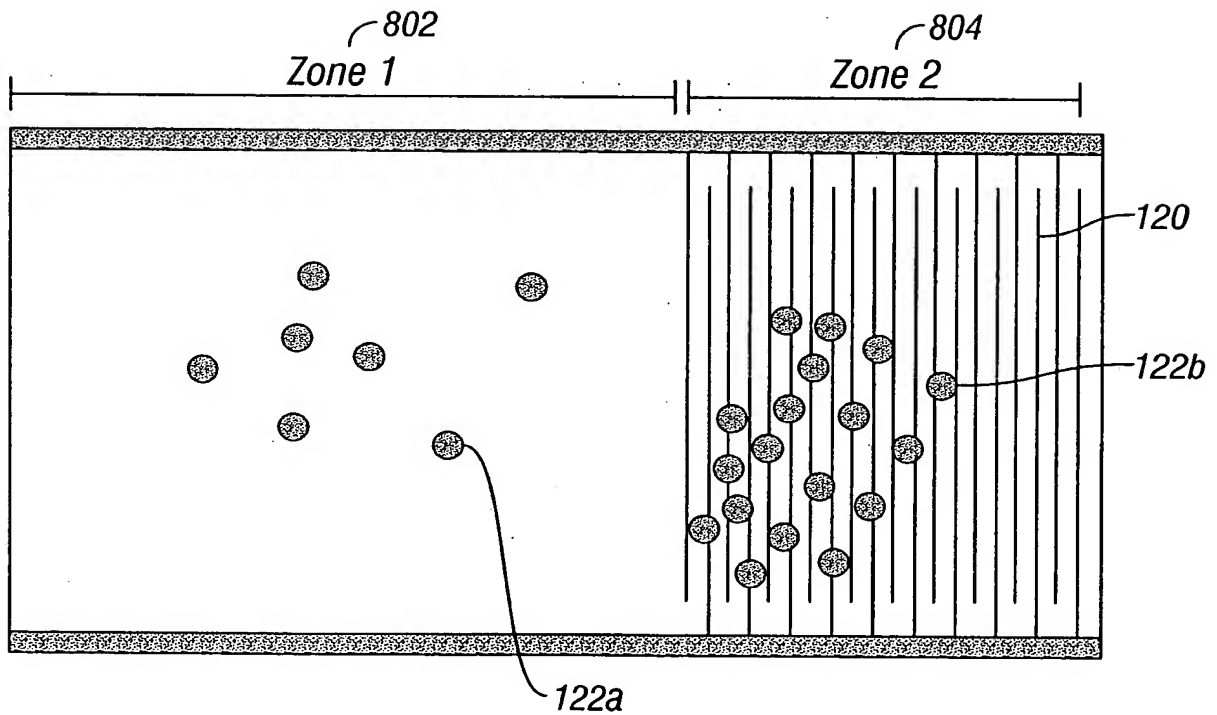


FIG. 8

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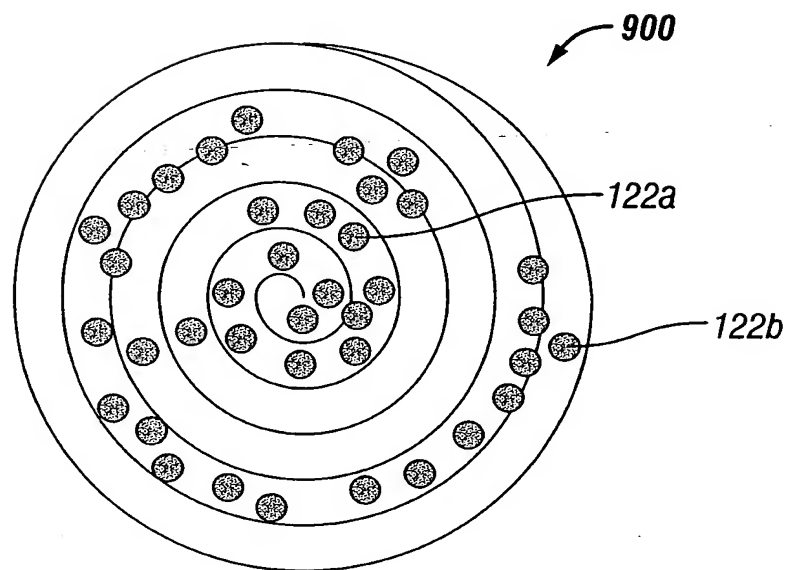


FIG. 9

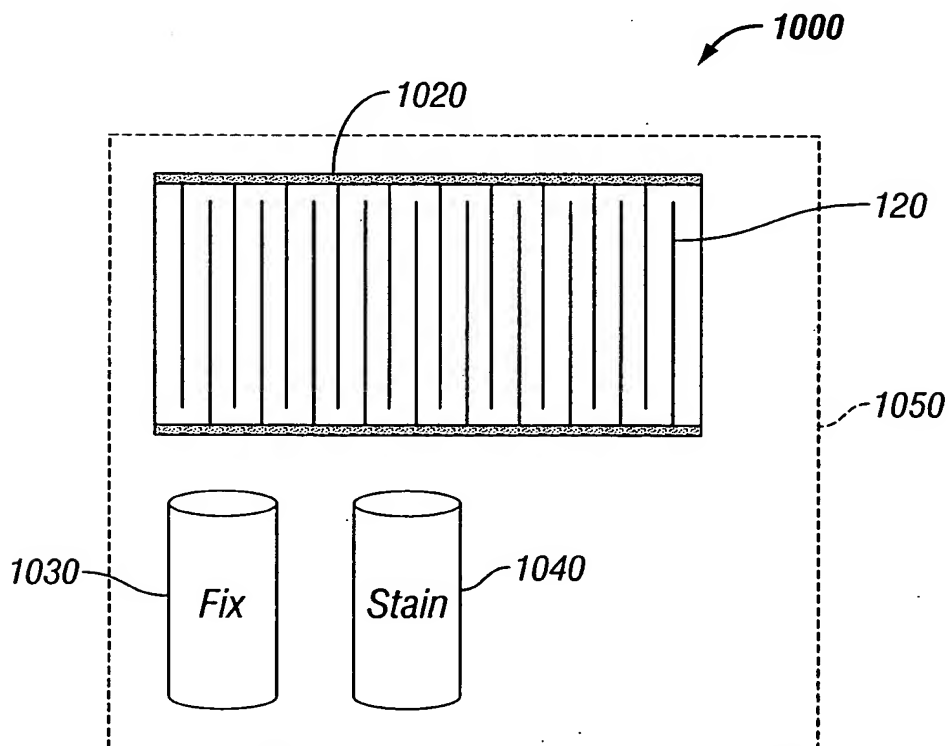


FIG. 10

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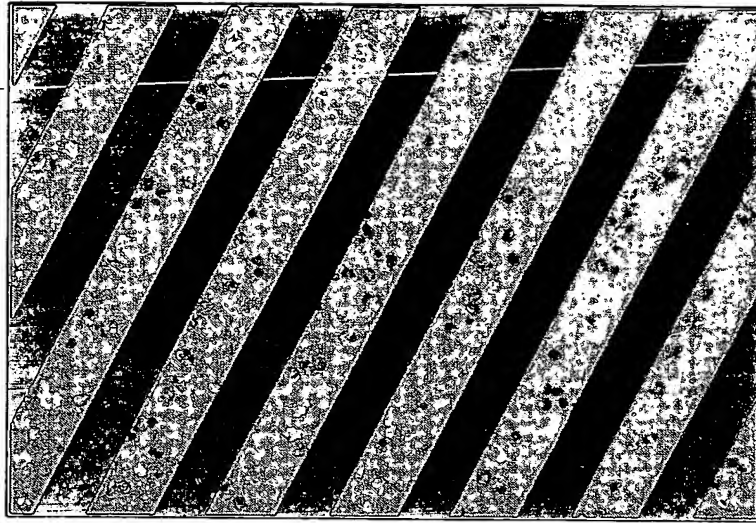


FIG. 11

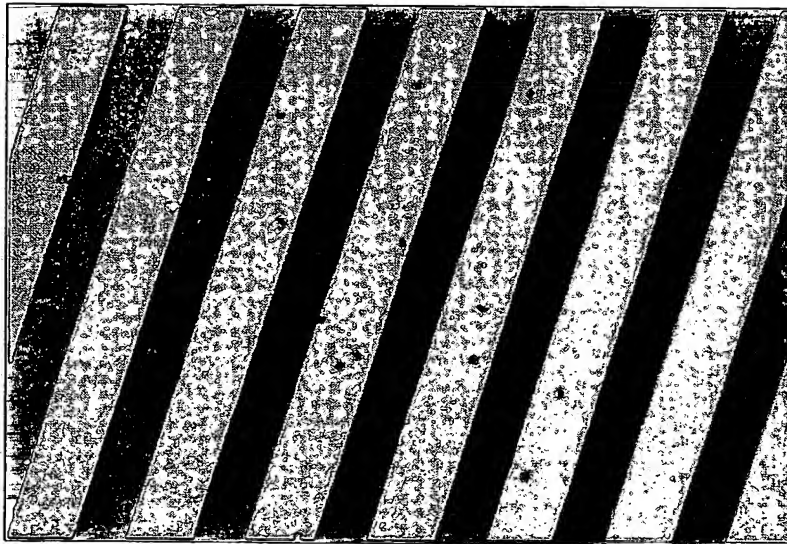


FIG. 12

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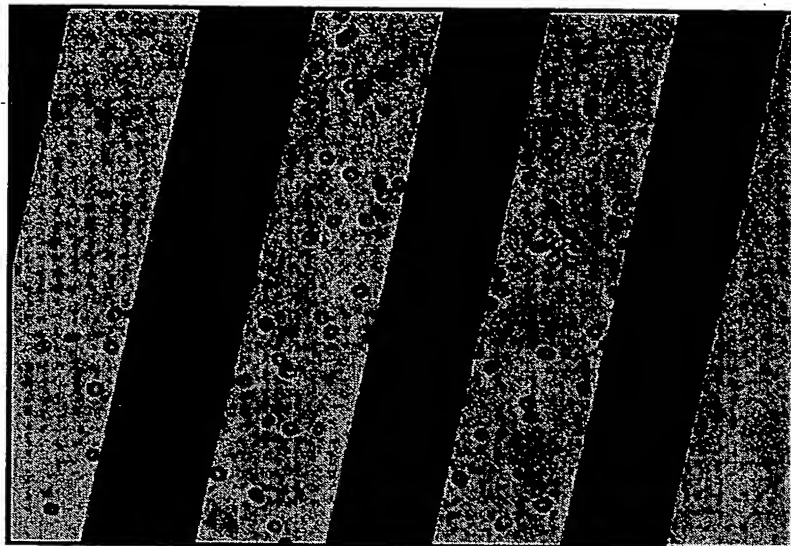


FIG. 13

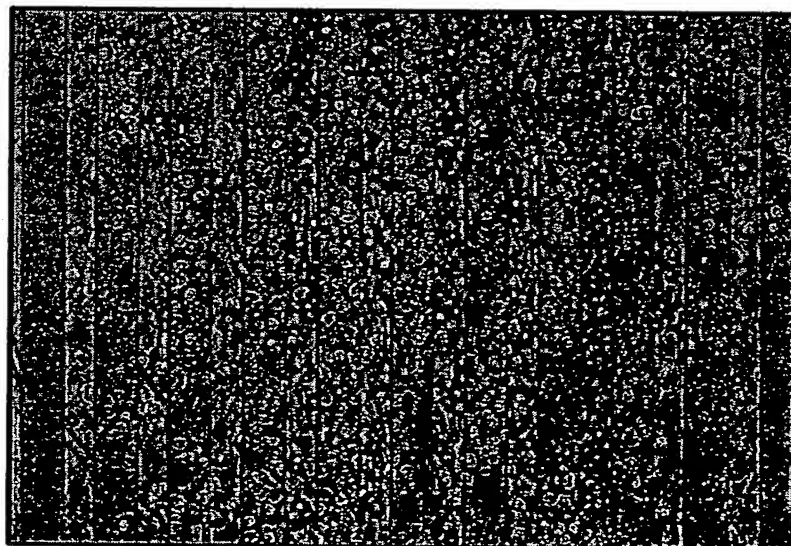


FIG. 14

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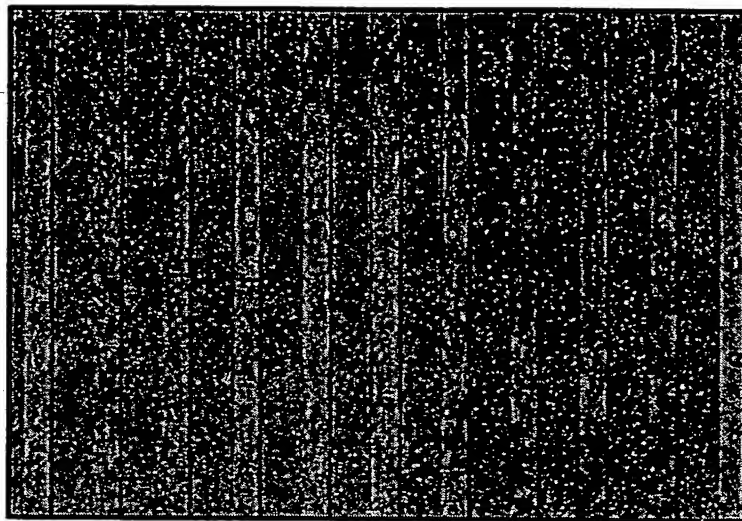


FIG. 15

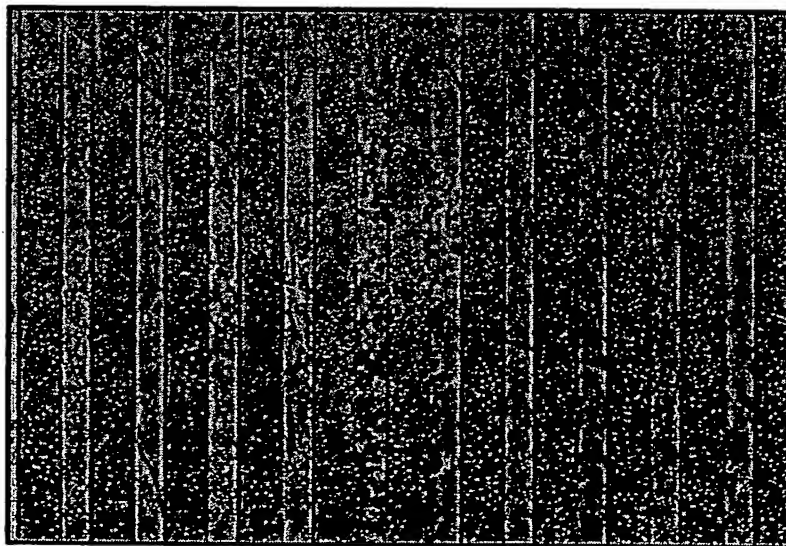


FIG. 16

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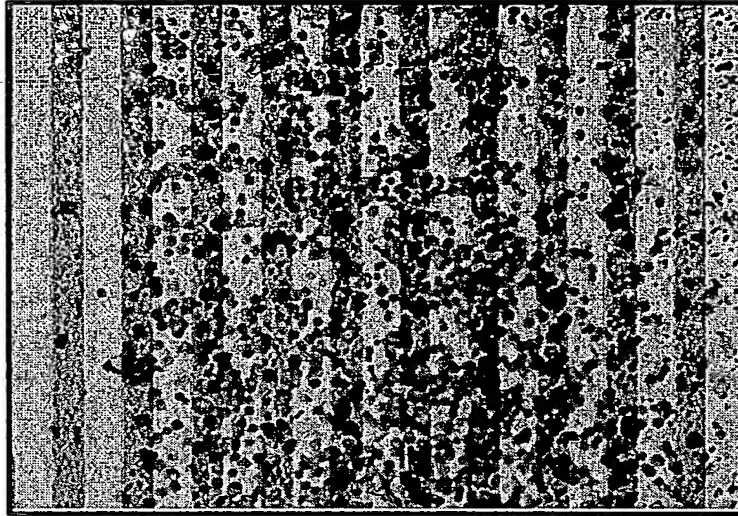


FIG. 17

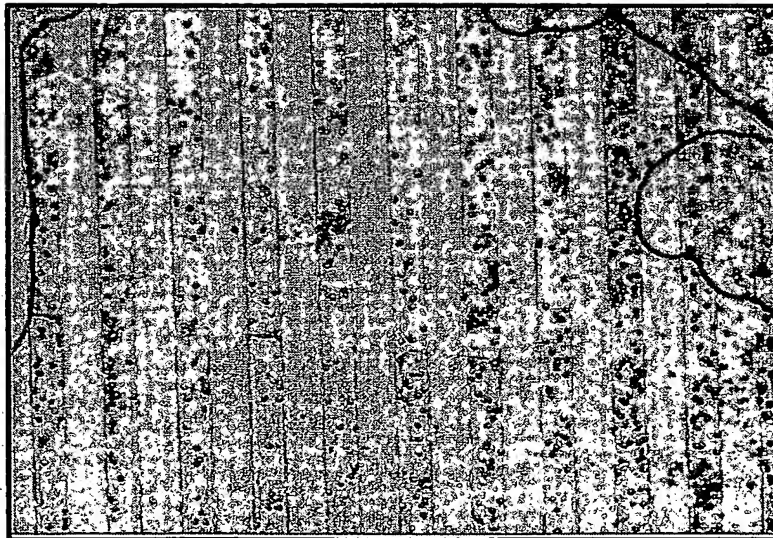


FIG. 18

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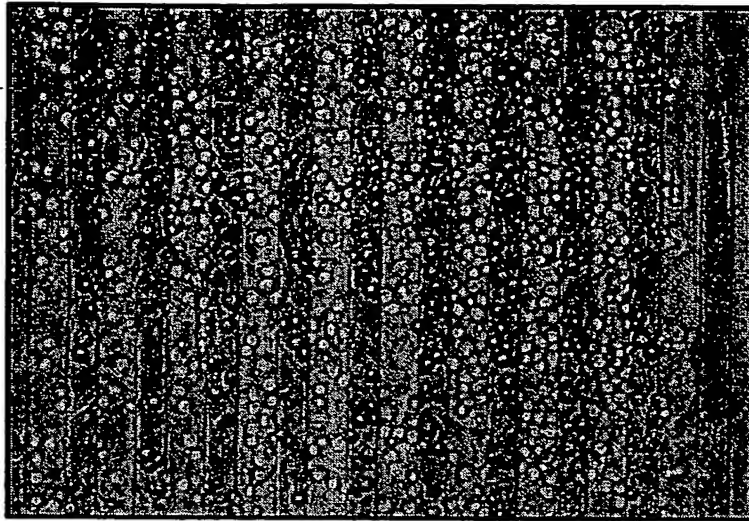


FIG. 19

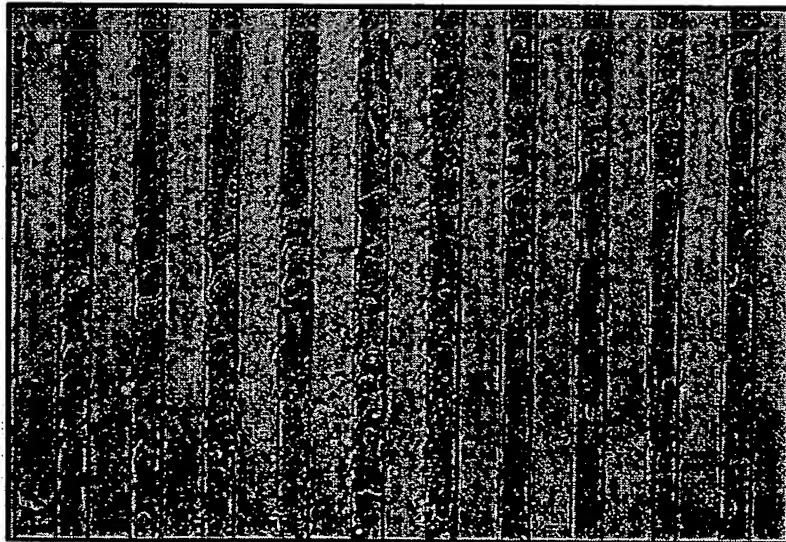


FIG. 20

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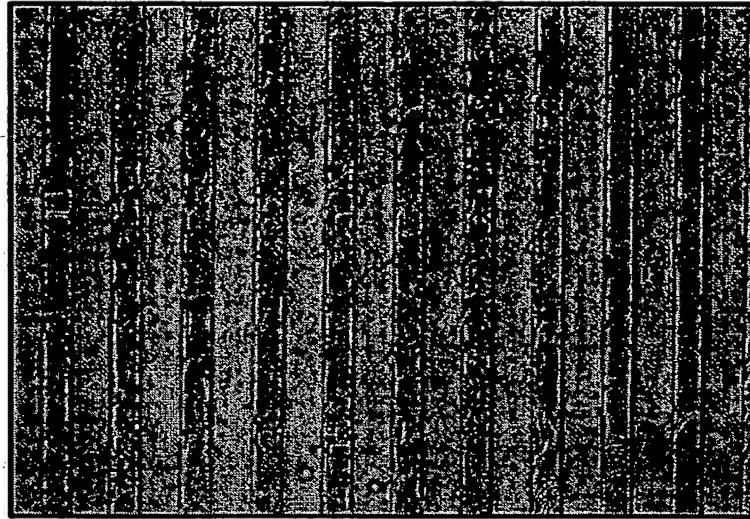


FIG. 21

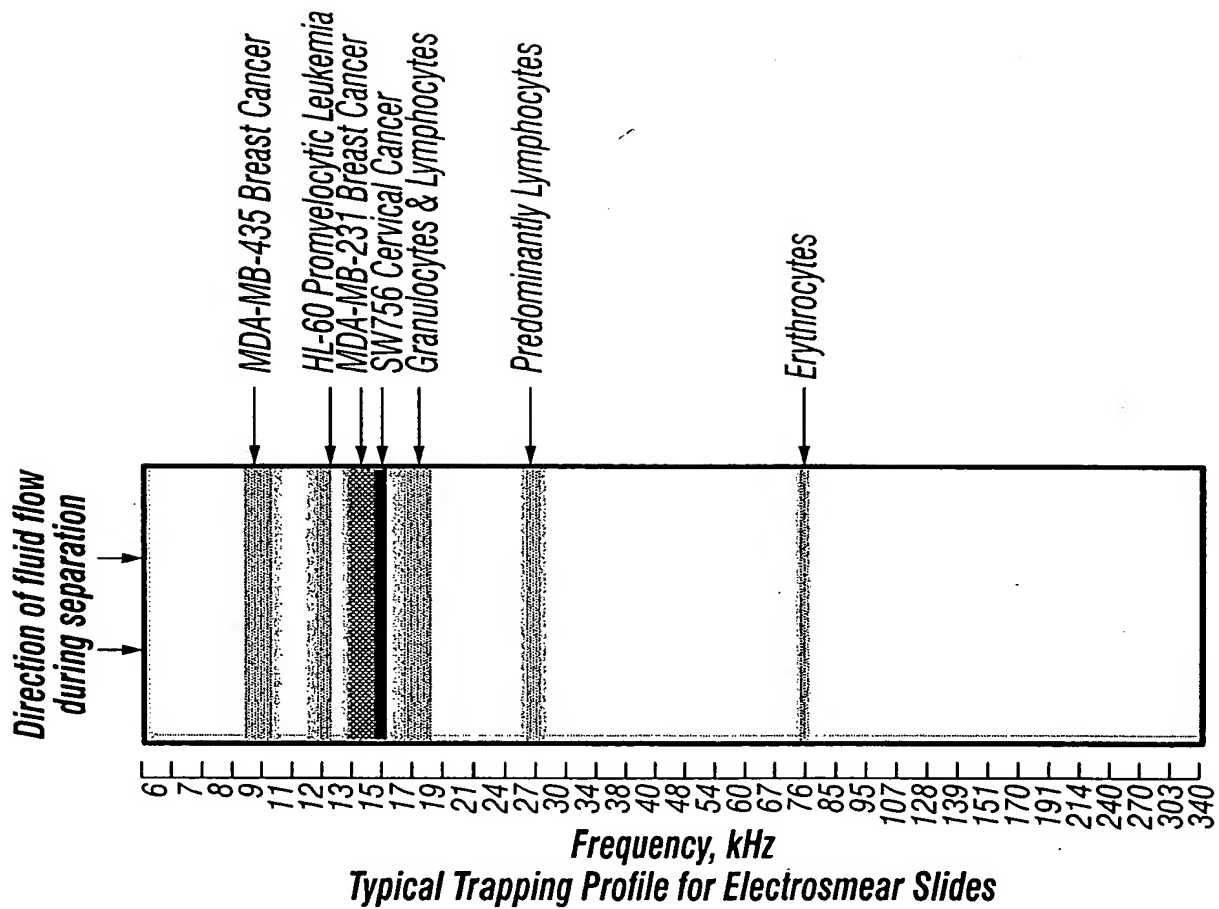


FIG. 22

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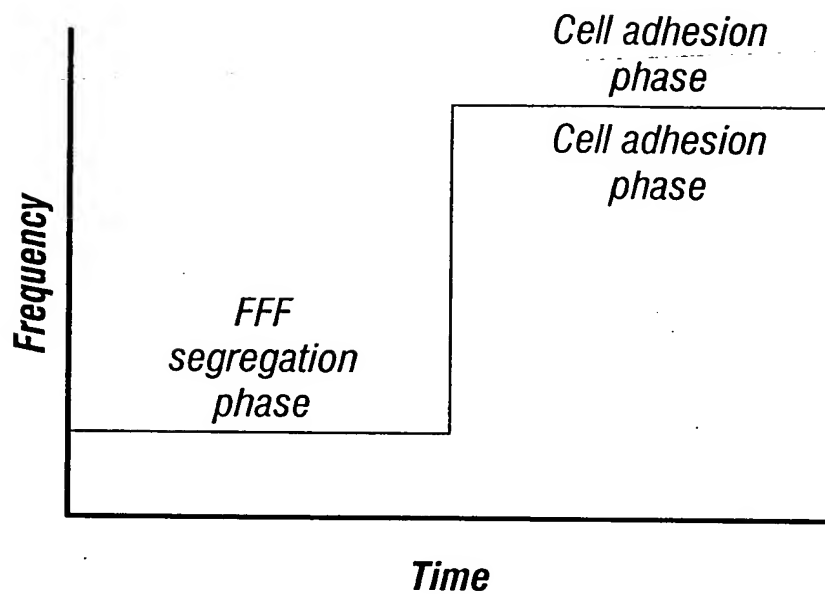


FIG. 23A

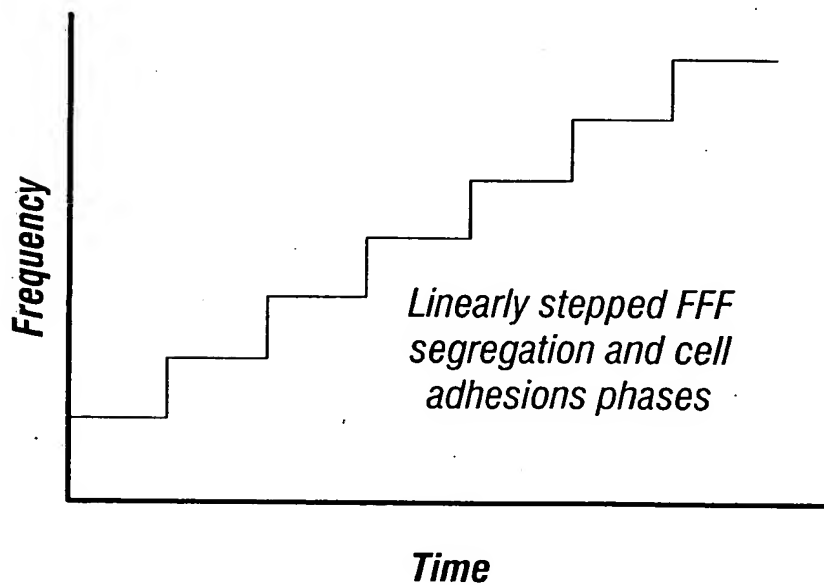


FIG. 23B

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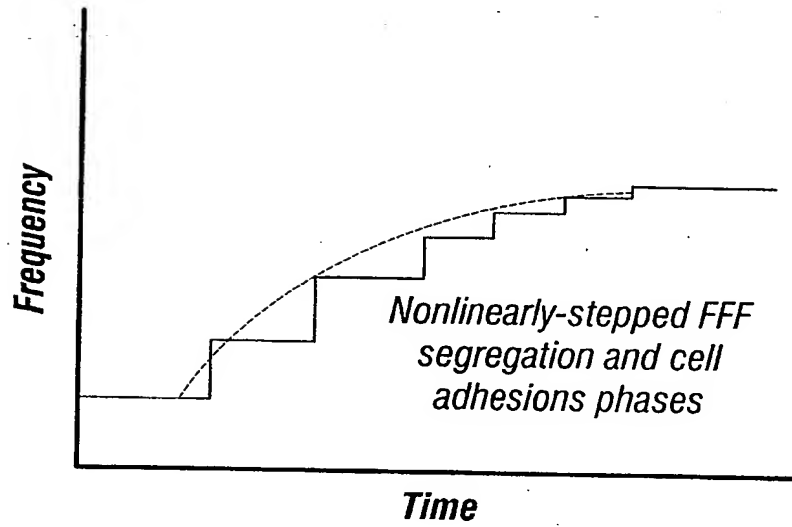


FIG. 23C

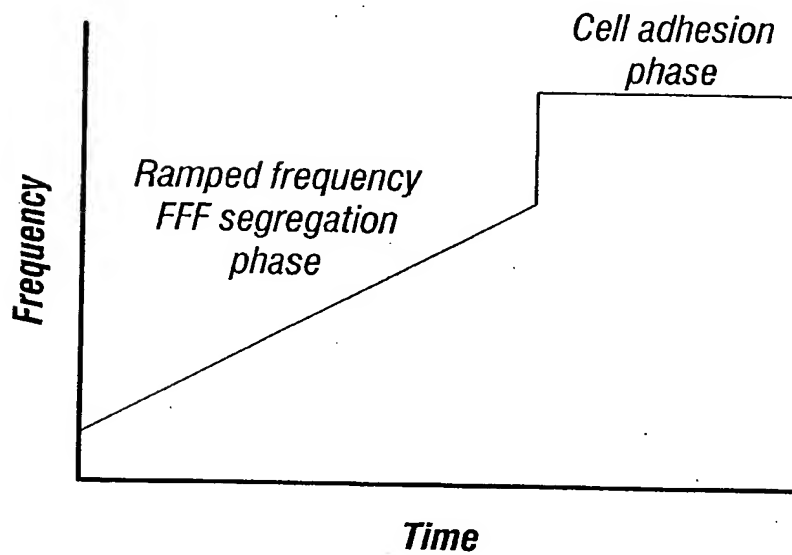


FIG. 23D

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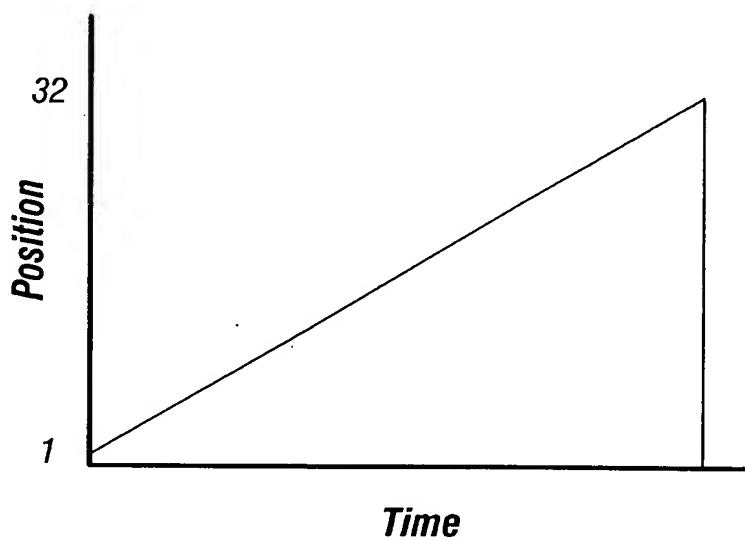
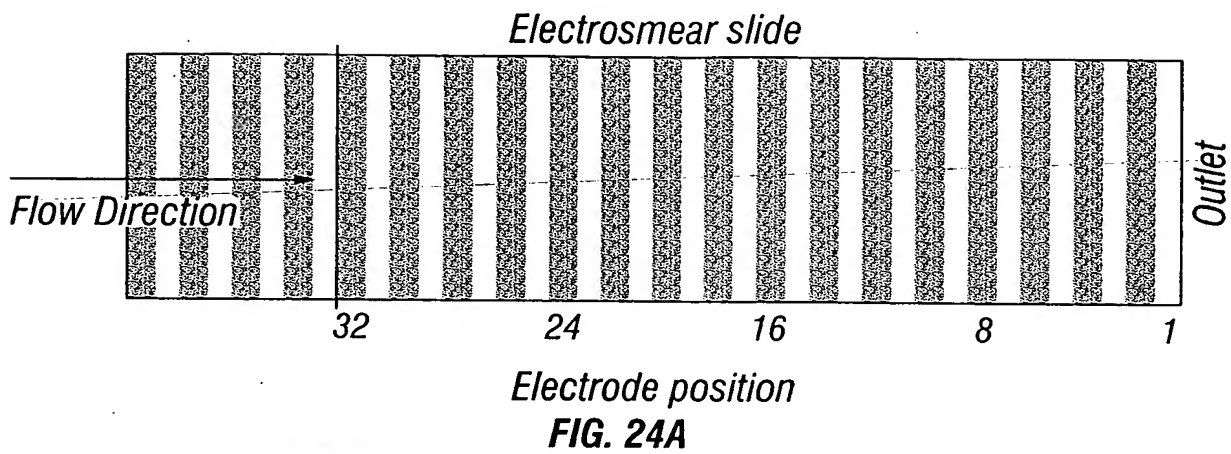


FIG. 24B

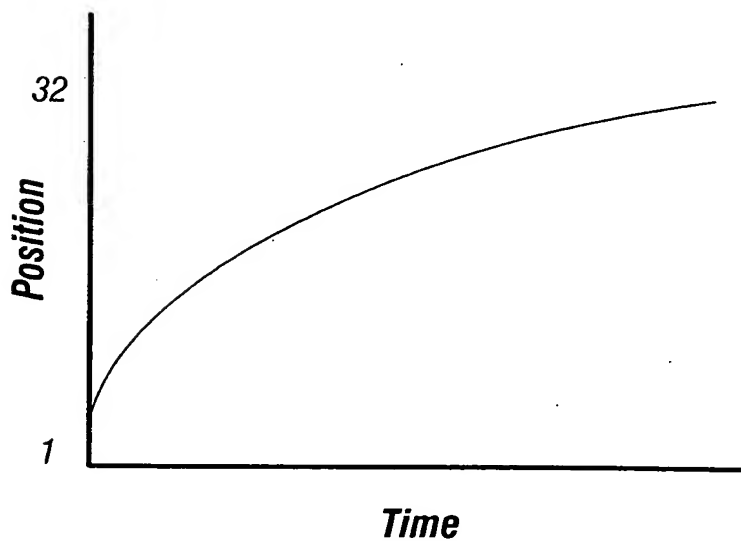


FIG. 24C

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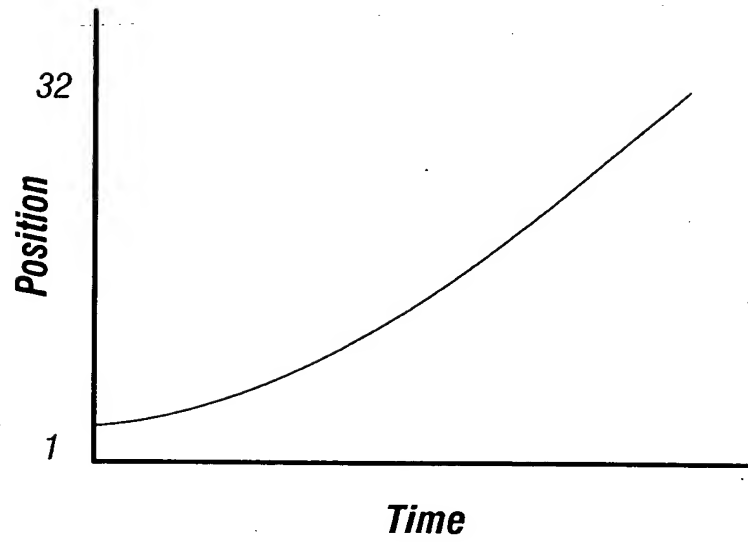


FIG. 24D

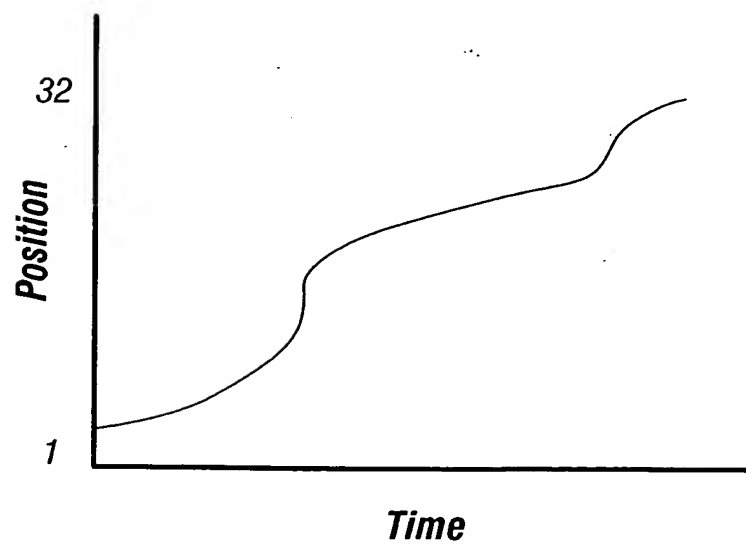


FIG. 24E

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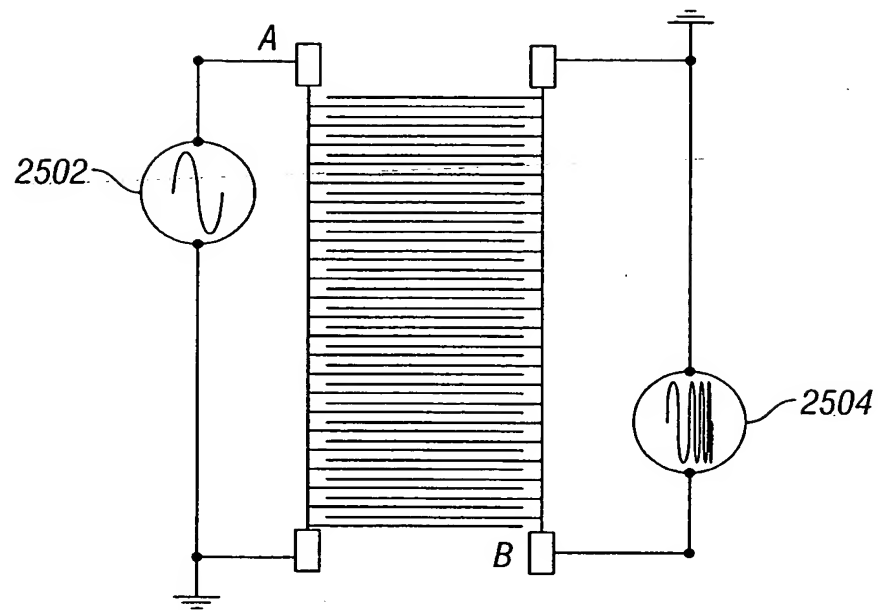


FIG. 25A

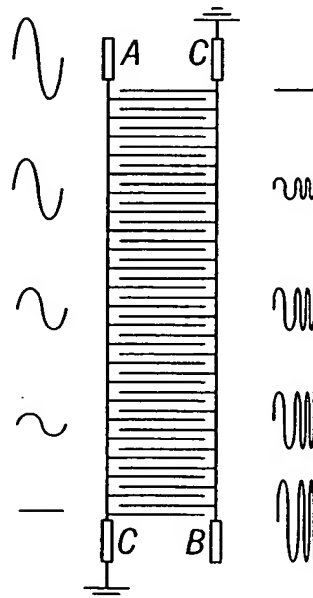


FIG. 25B

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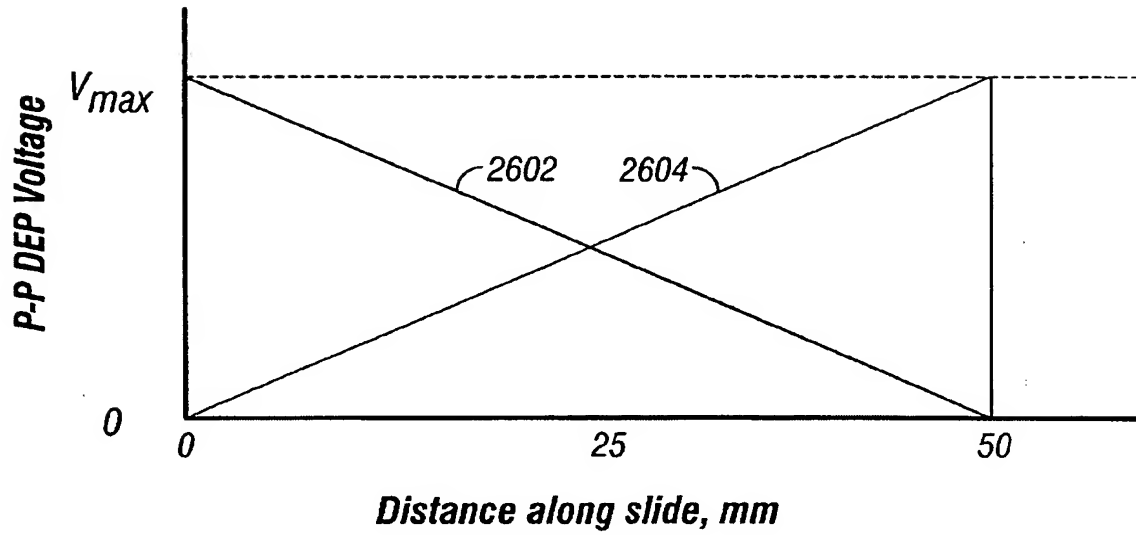


FIG. 26A

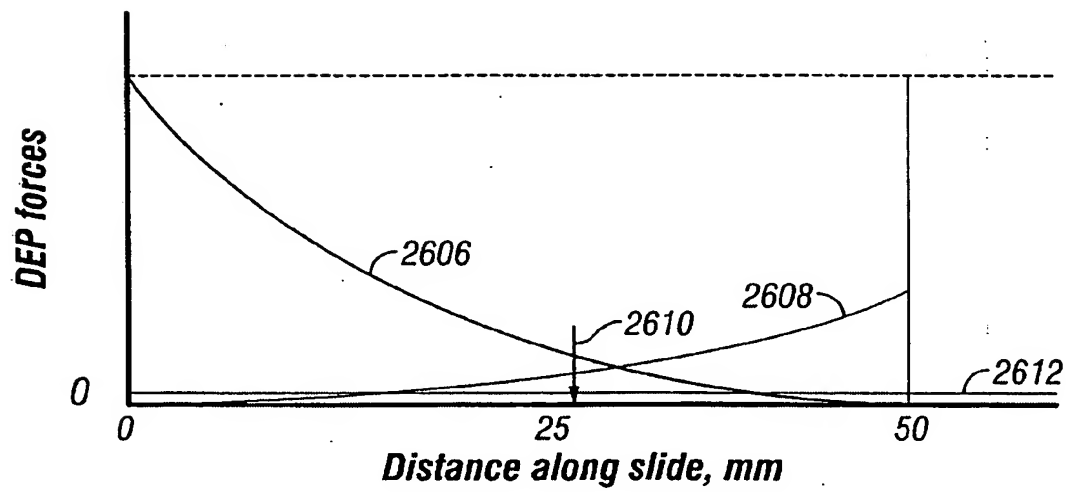


FIG. 26B

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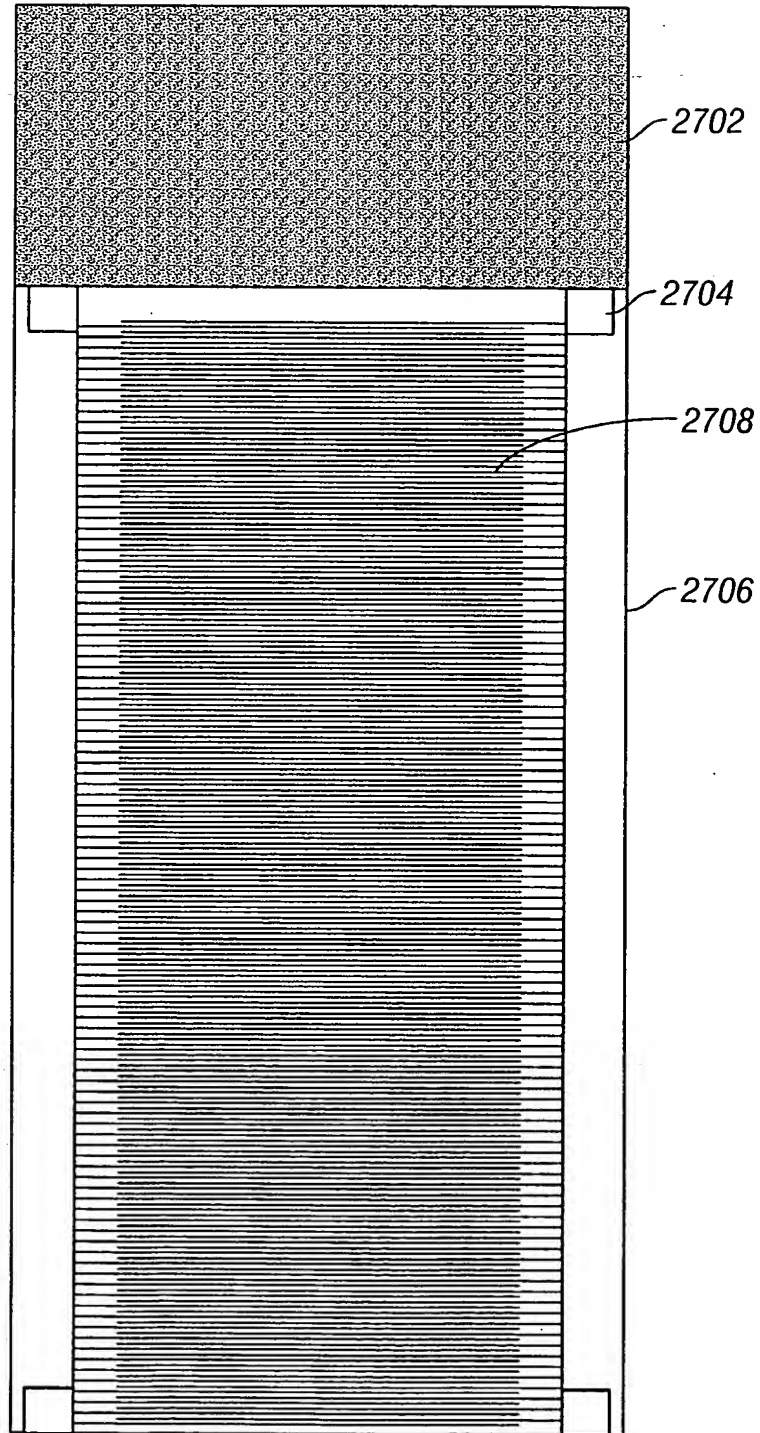


FIG. 27

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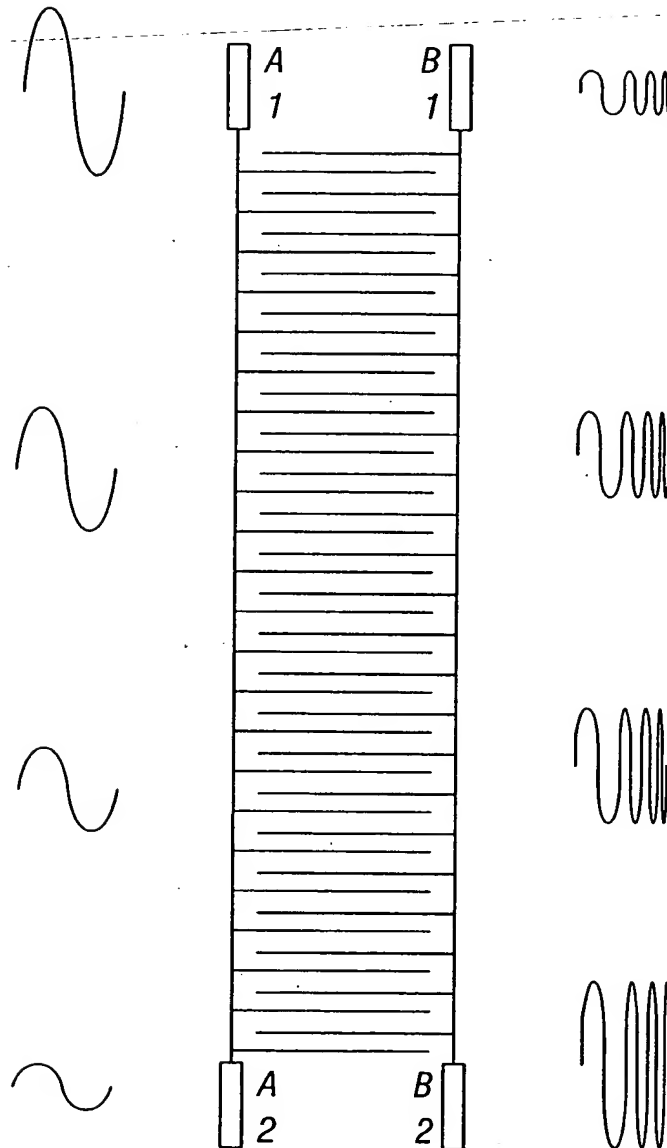


FIG. 28

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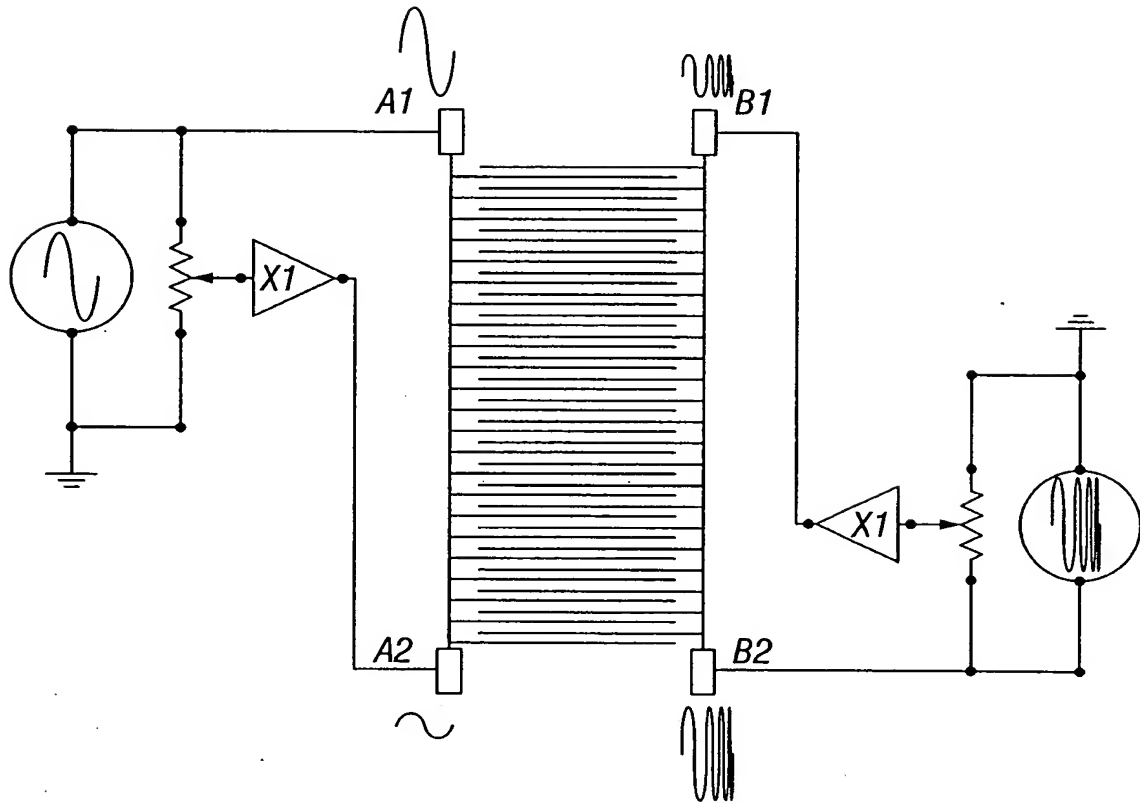


FIG. 29

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$F_{min} = 40 \text{ kHz}$

FM: 10 kHz to 398 kHz

$V_{max} = 3 \text{ V}, V_{min} = 0 \text{ V}$

Cell Dielectric Characteristics

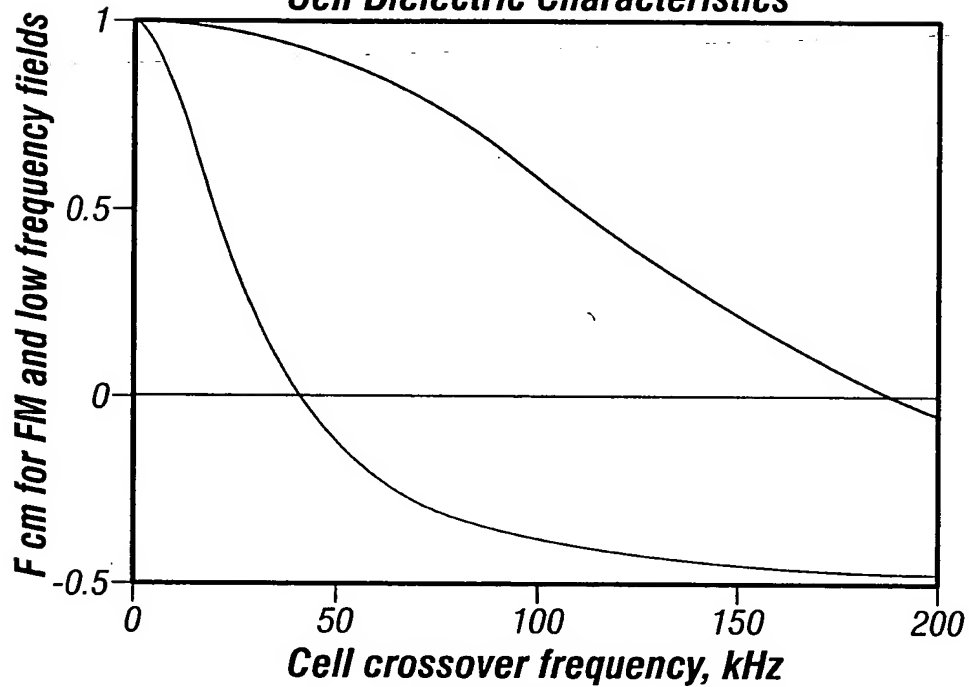


FIG. 30A

Cell Trapping Behavior on FM Electrosmeared

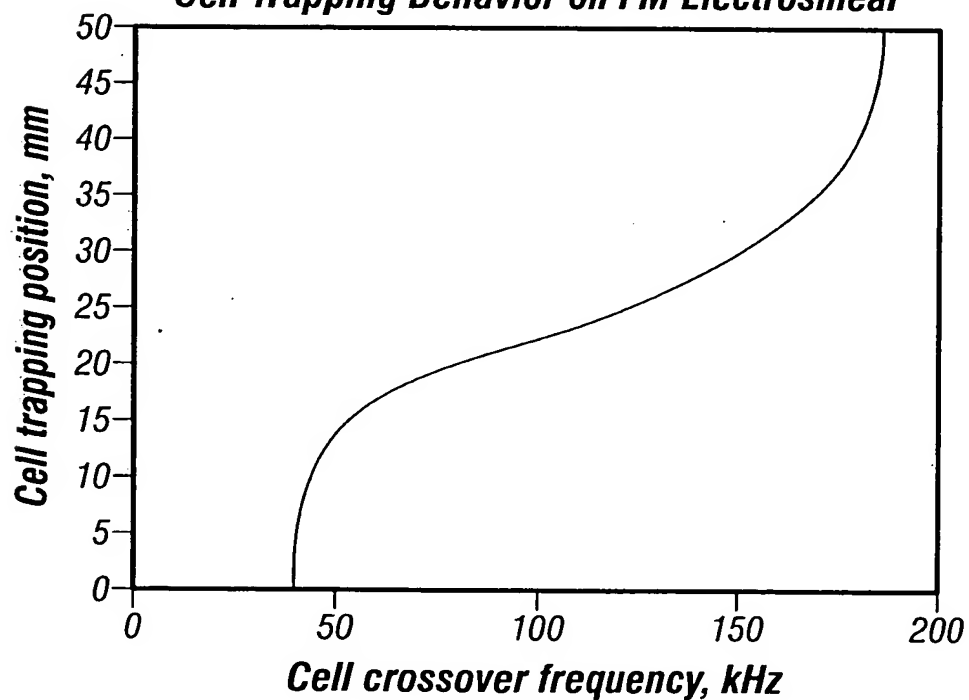


FIG. 30B

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$F_{min} = 40 \text{ kHz}$

FM: 10 kHz to 398 kHz

$V_{max} = 3 \text{ V}, V_{min} = 1 \text{ V}$

Cell Dielectric Characteristics

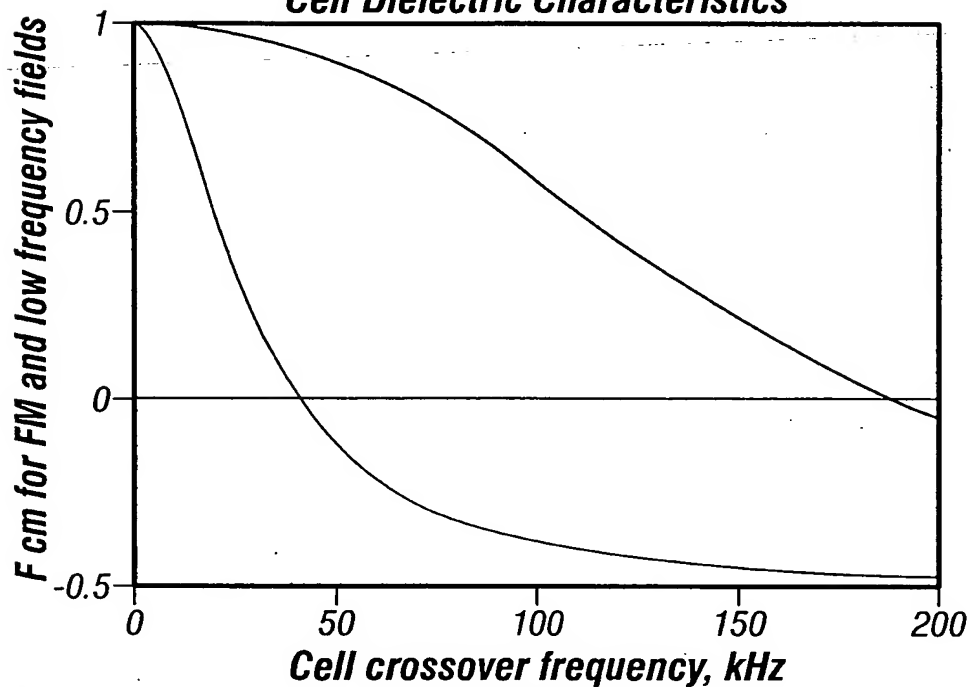


FIG. 30C

Cell Trapping Behavior on FM Electrosmeat

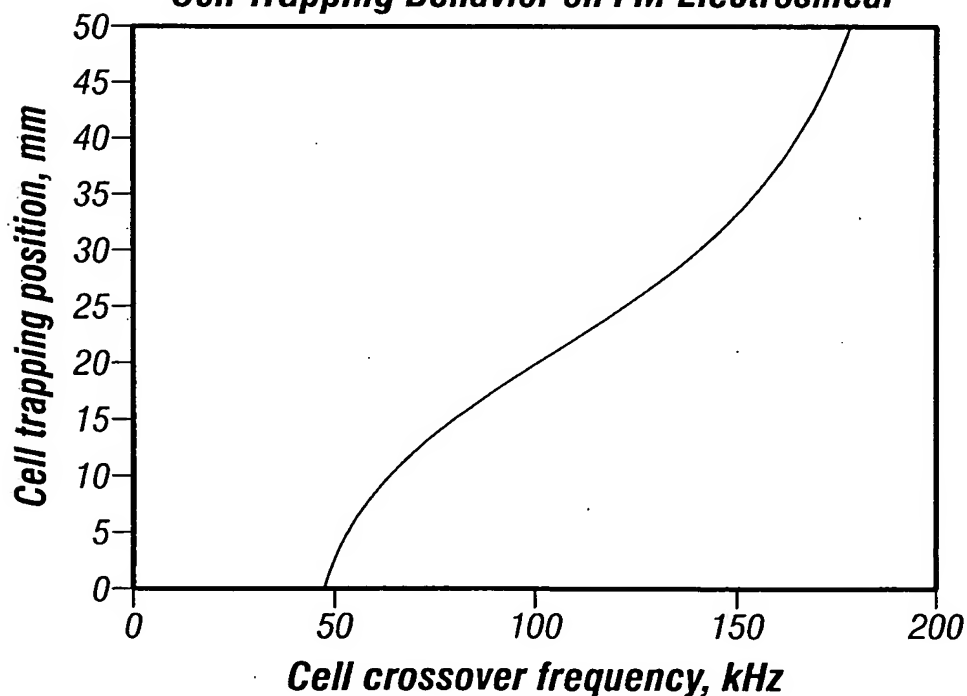


FIG. 30D

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$F_{min} = 40 \text{ kHz}$ $V_{max} = 3 \text{ V}$, $V_{min} = 1.5 \text{ V}$
FM: 10 kHz to 200 kHz $V_{max} = 3 \text{ V}$, $V_{min} = 1 \text{ V}$

Cell Dielectric Characteristics

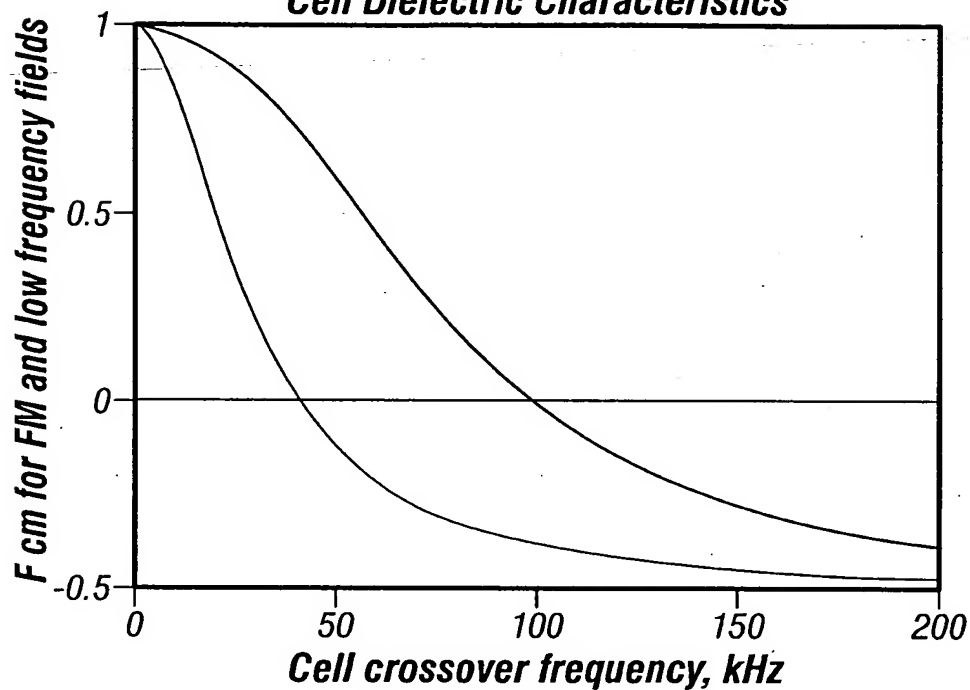


FIG. 30E

Cell Trapping Behavior on FM Electrosmeear

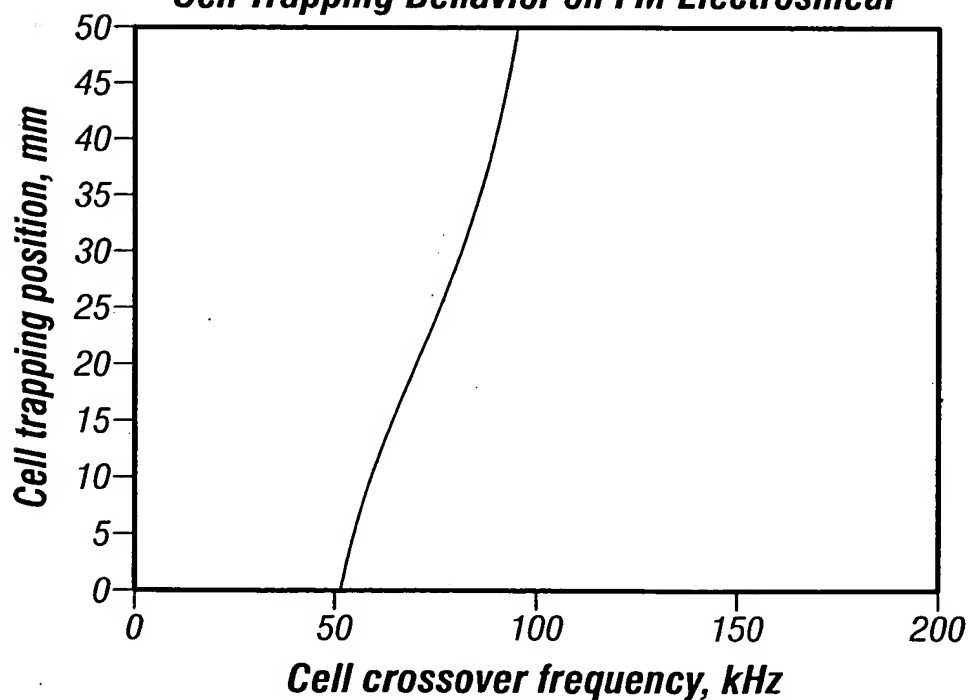


FIG. 30F

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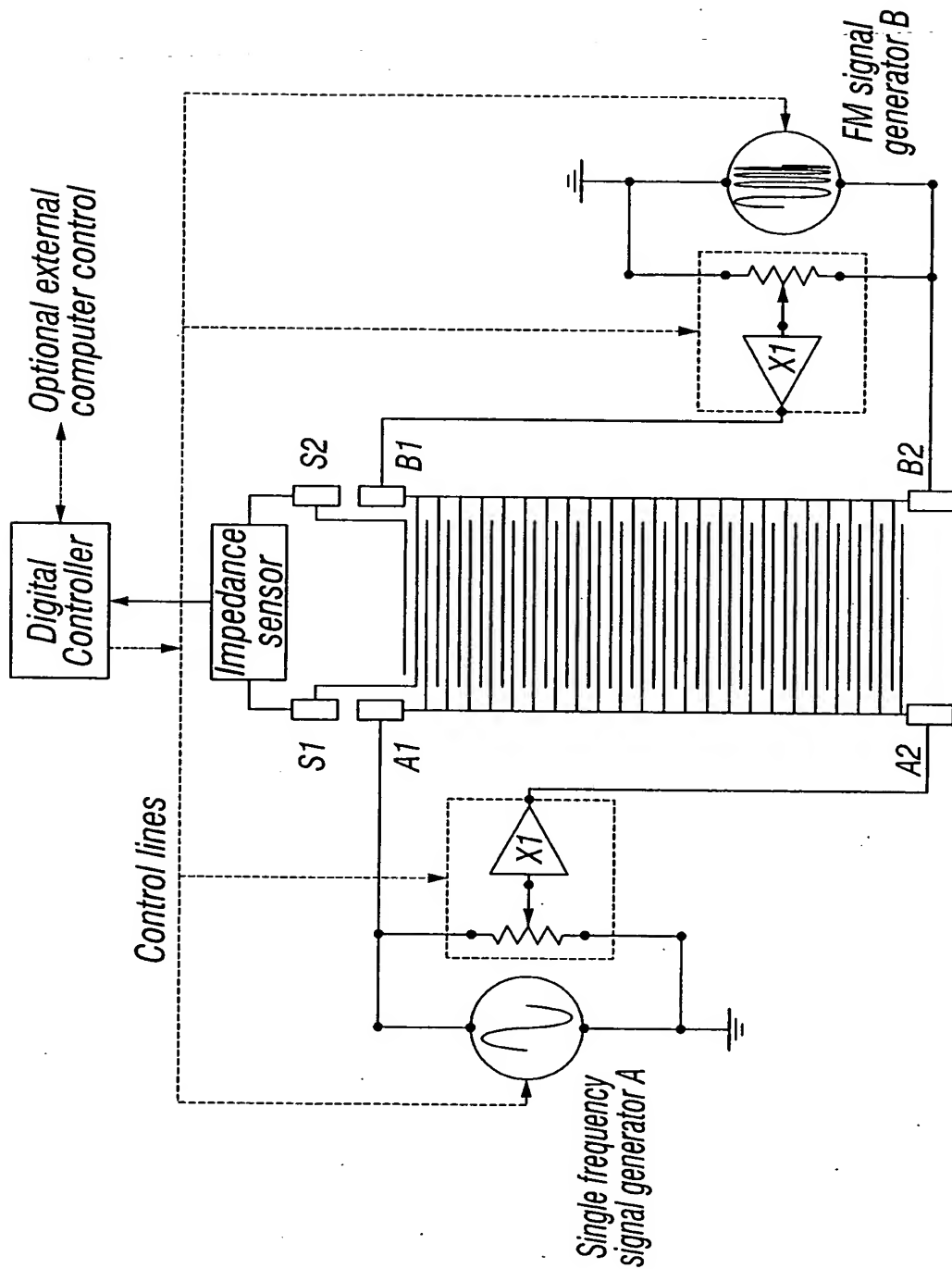


FIG. 31

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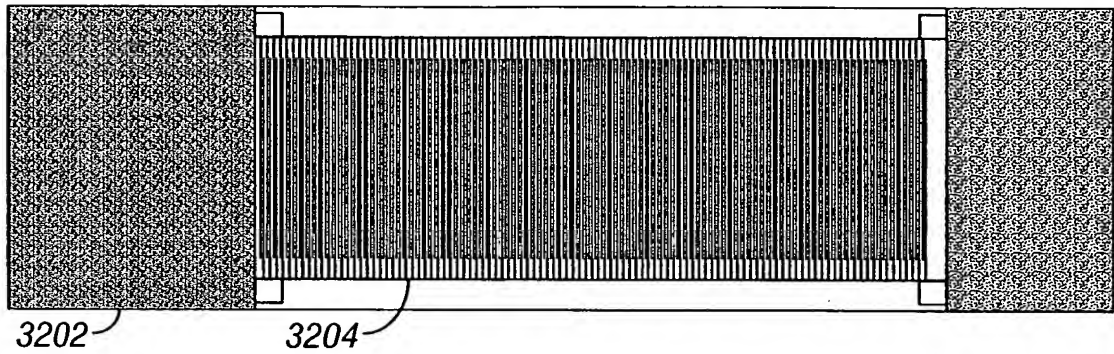


FIG. 32A

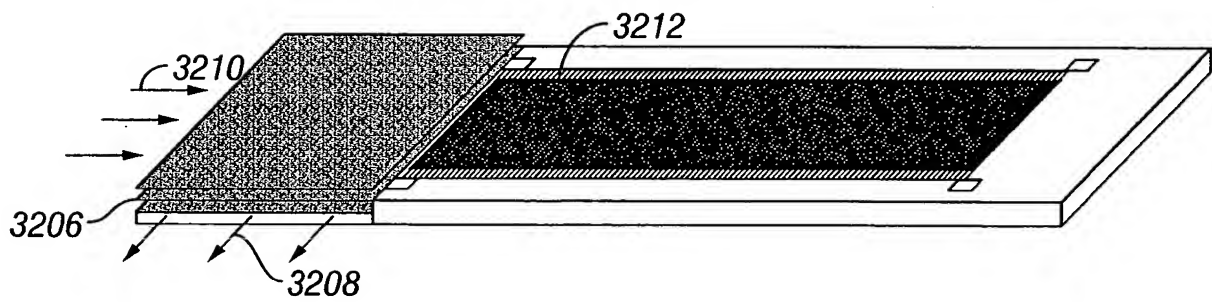


FIG. 32B

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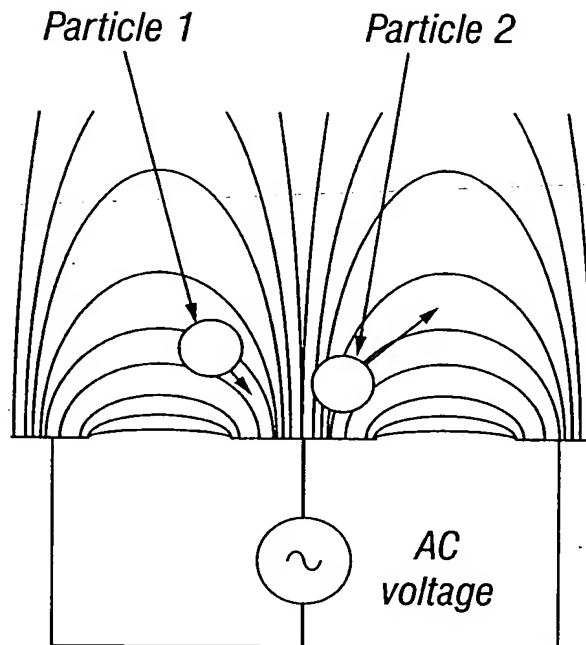


FIG. 33A

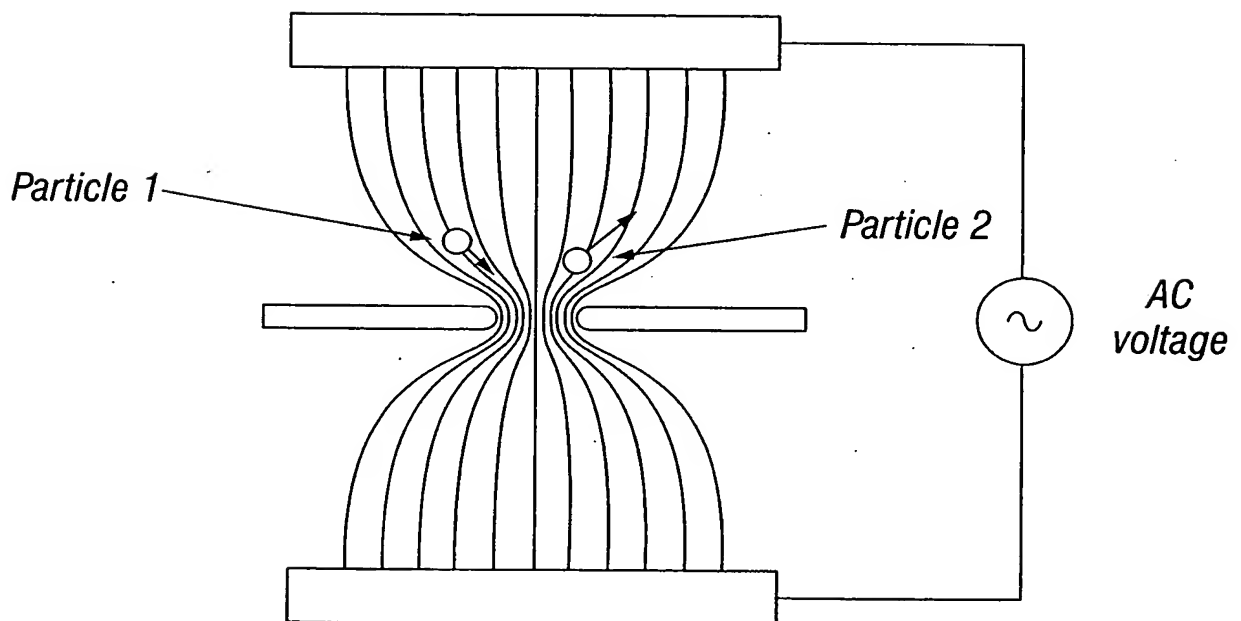


FIG. 33B

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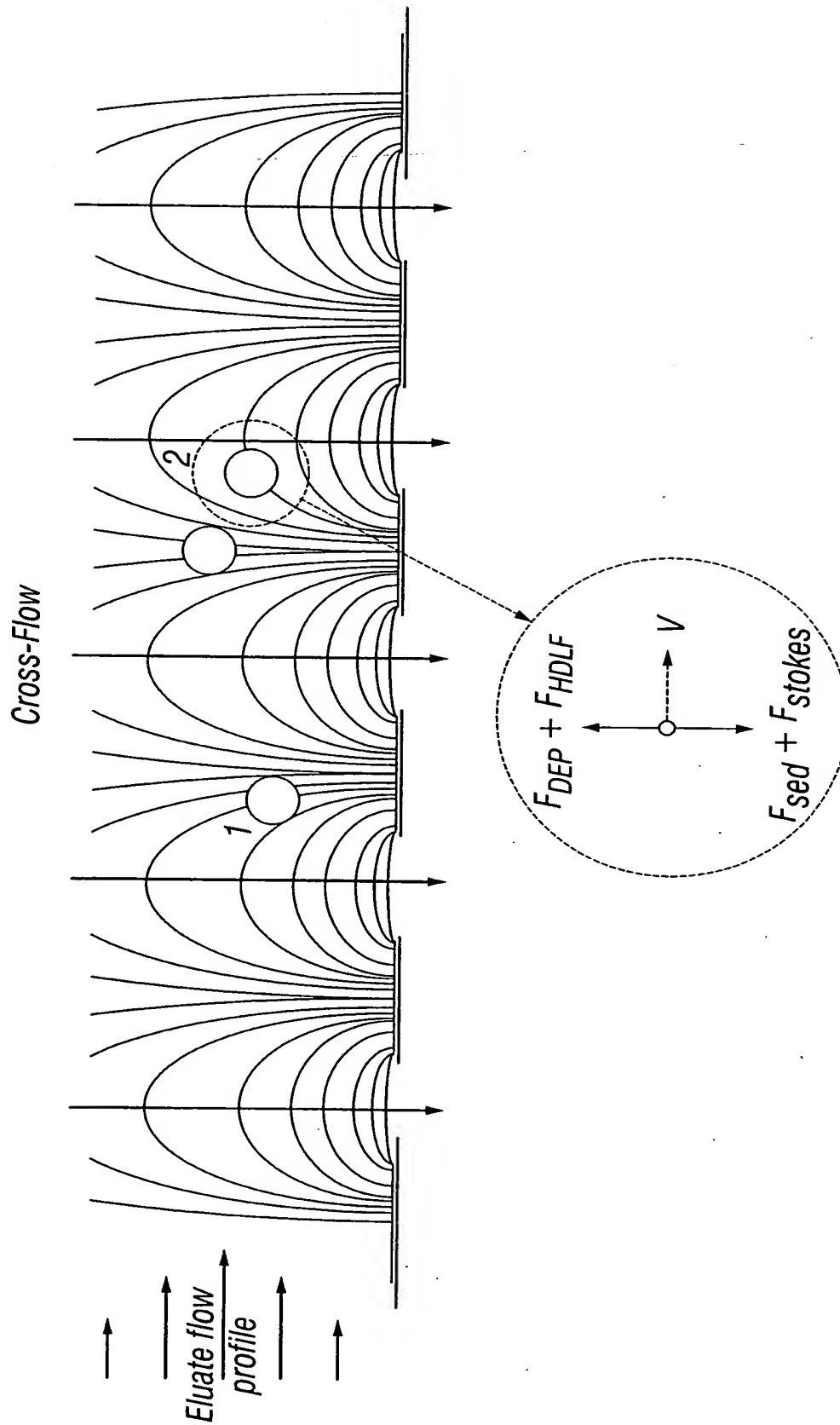


FIG. 34

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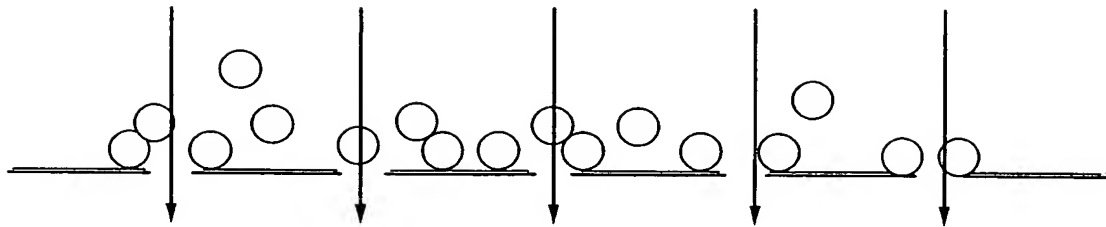


FIG. 35A

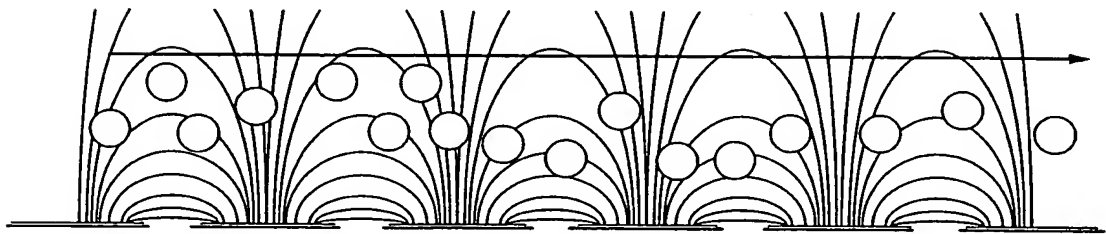


FIG. 35B

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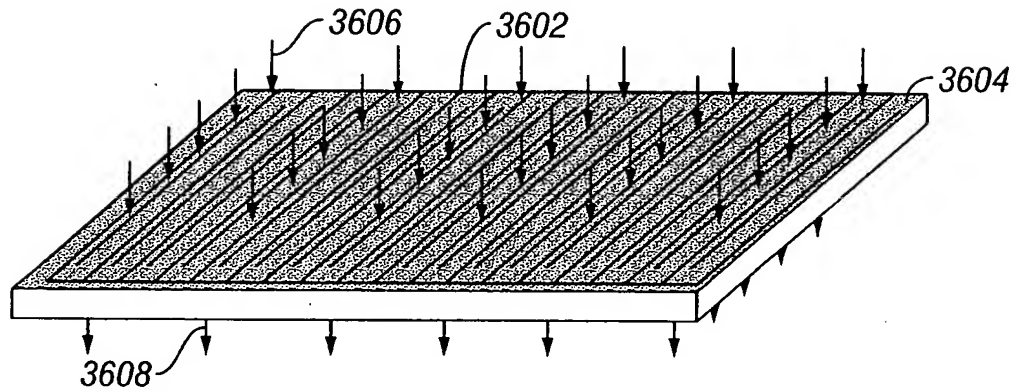


FIG. 36A

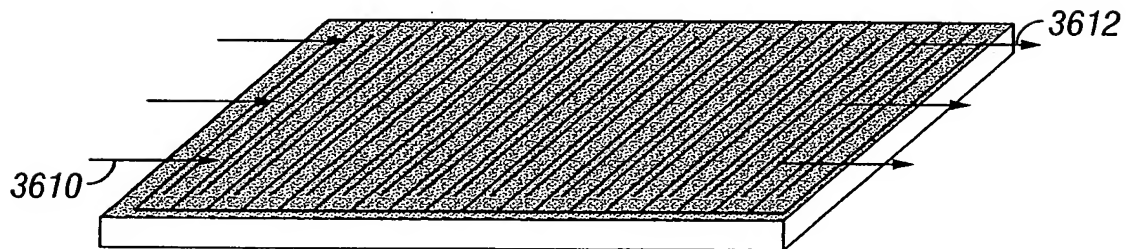


FIG. 36B

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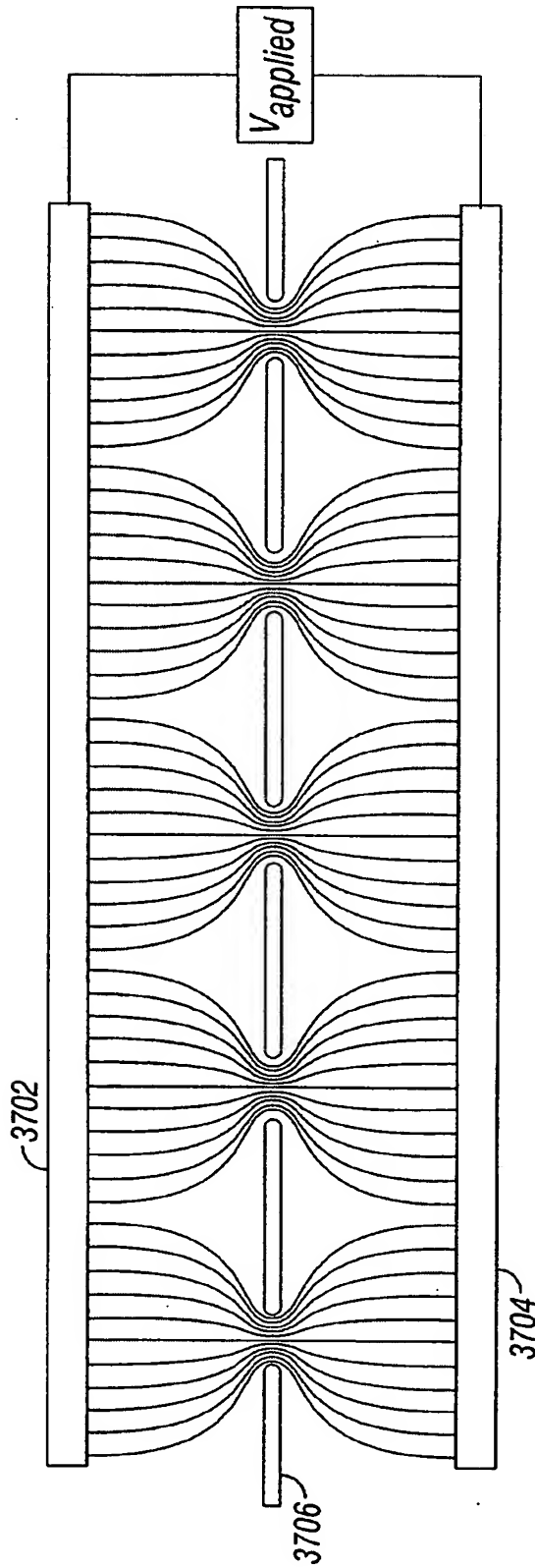


FIG. 37

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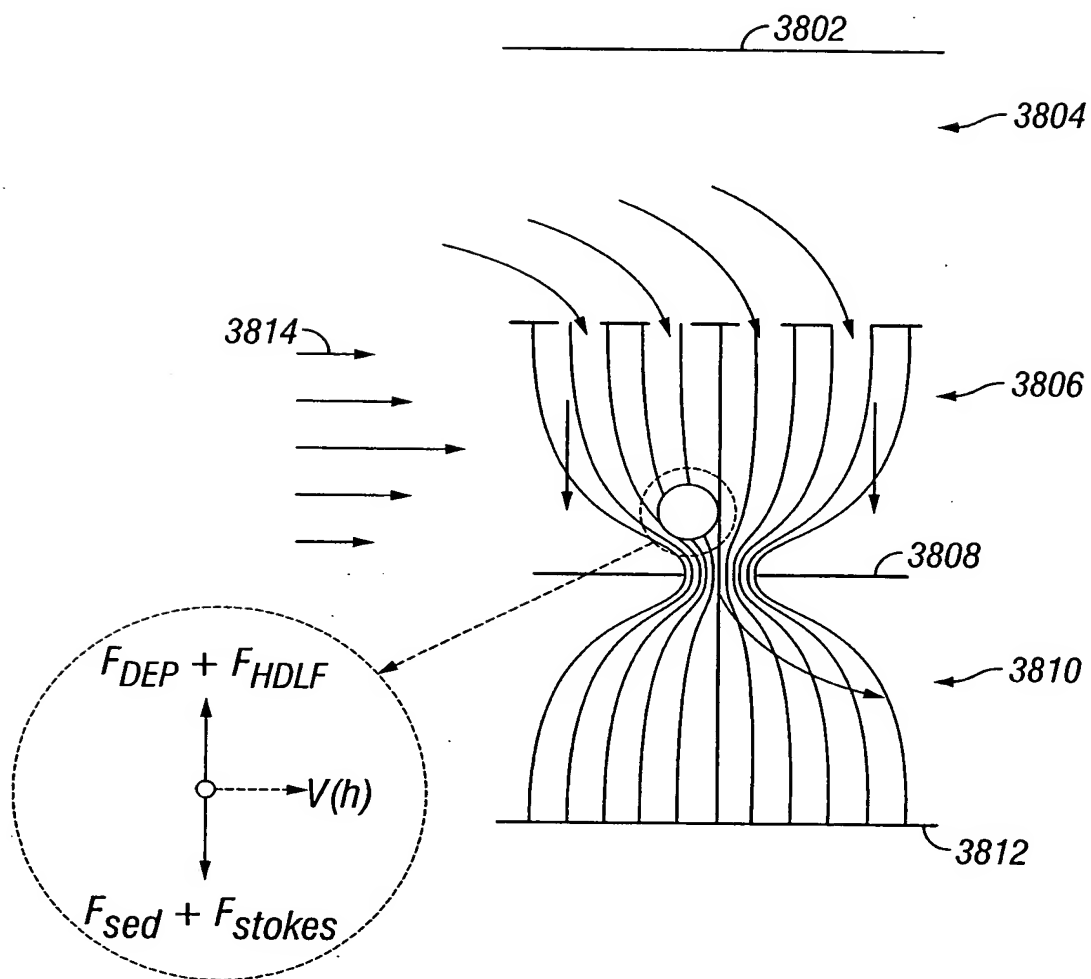


FIG. 38

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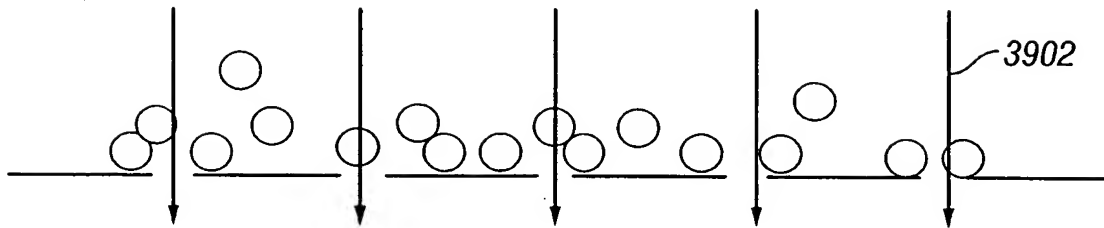


FIG. 39A

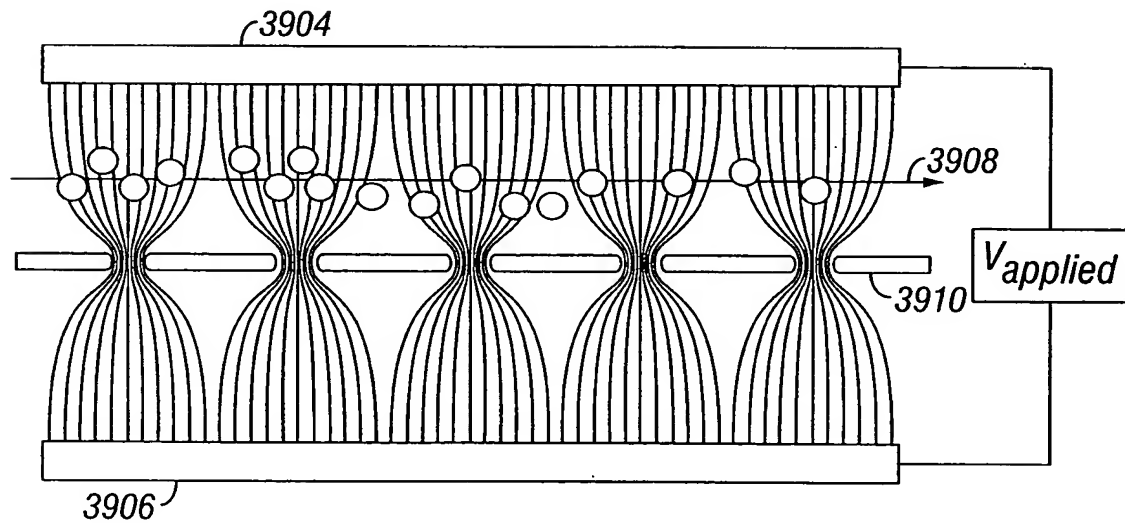


FIG. 39B

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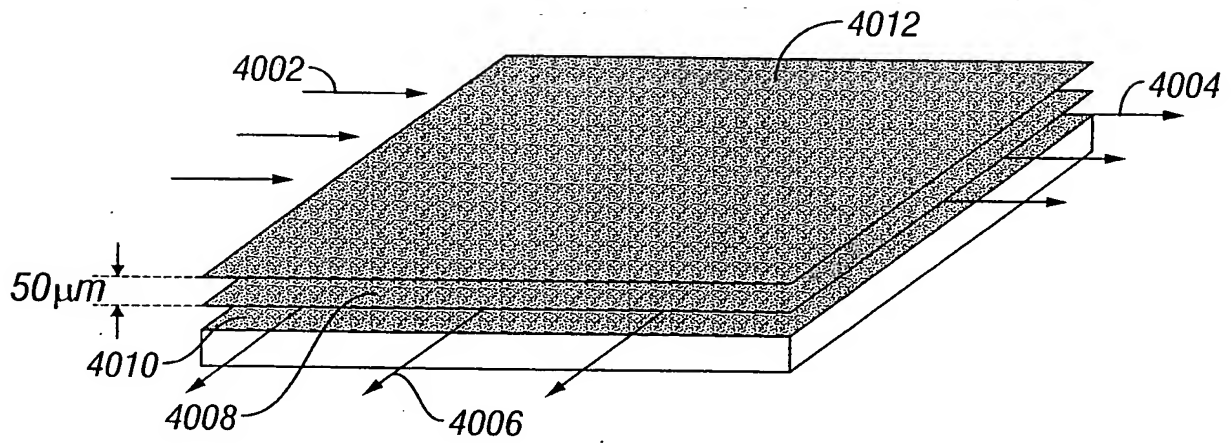


FIG. 40

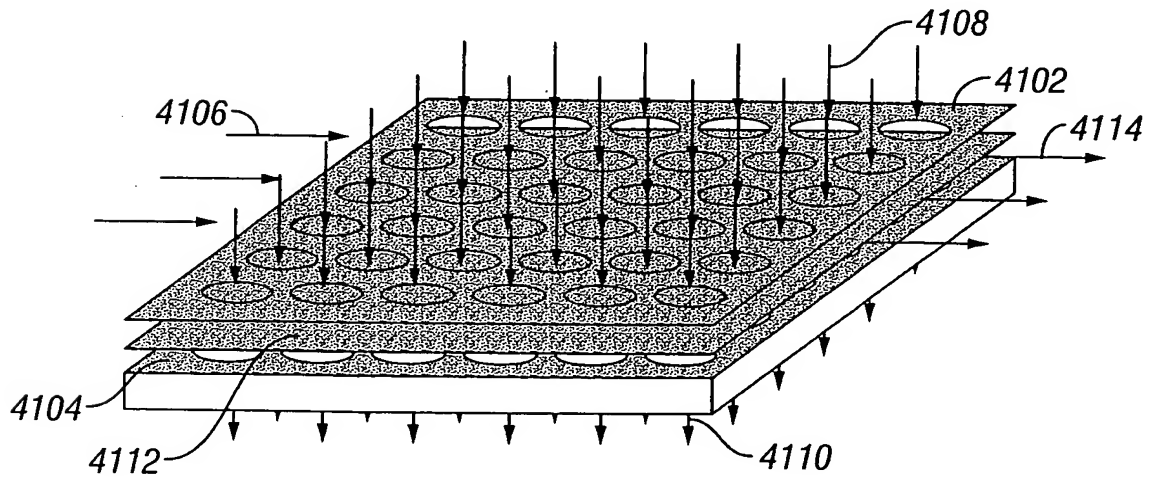


FIG. 41

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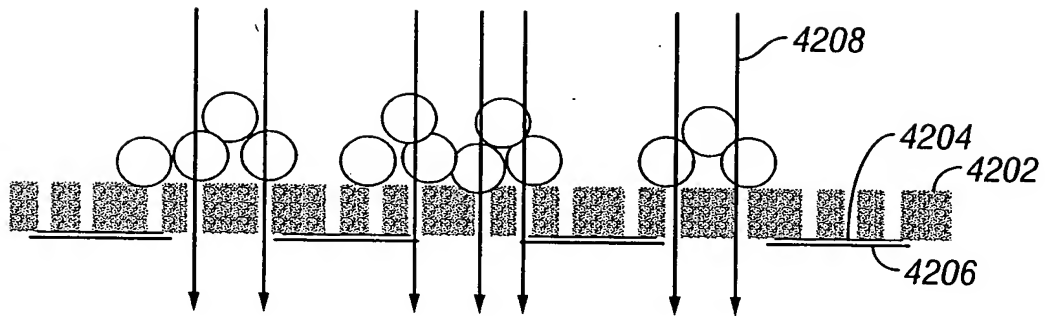


FIG. 42A

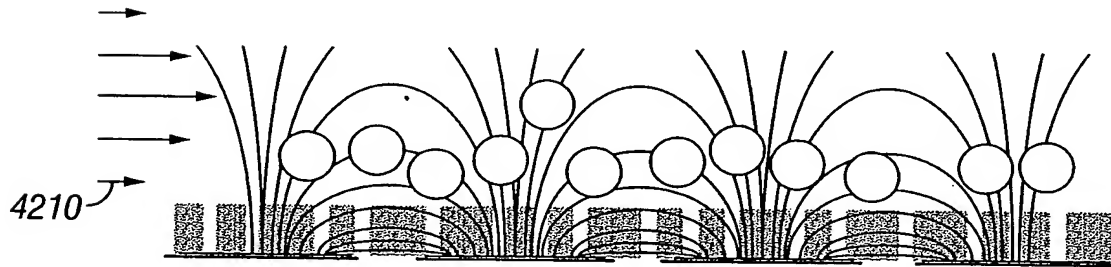


FIG. 42B

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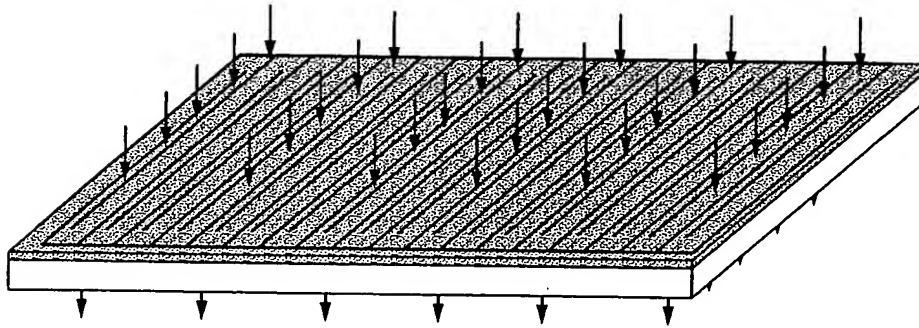


FIG. 43A

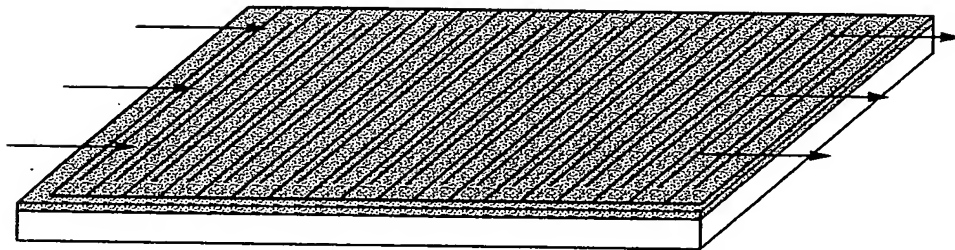


FIG. 43B

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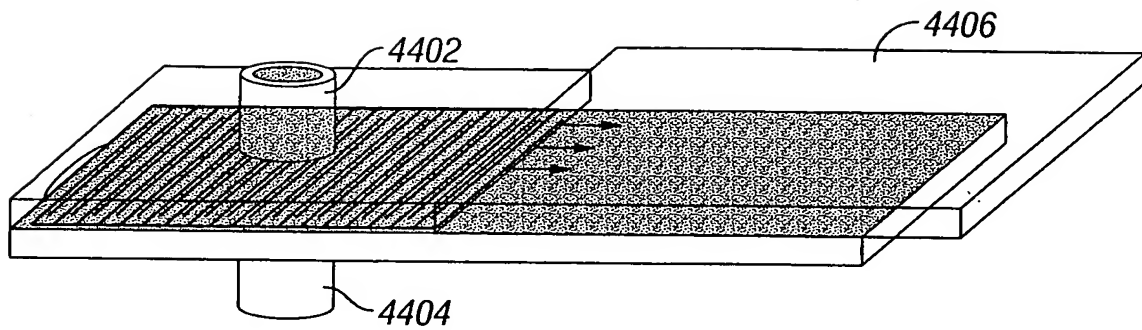


FIG. 44

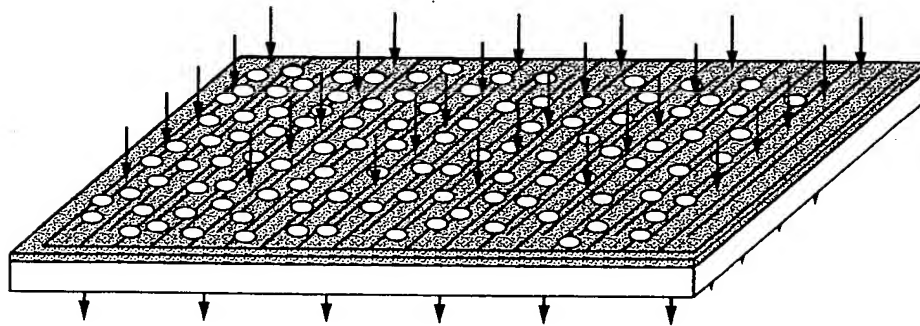


FIG. 45A

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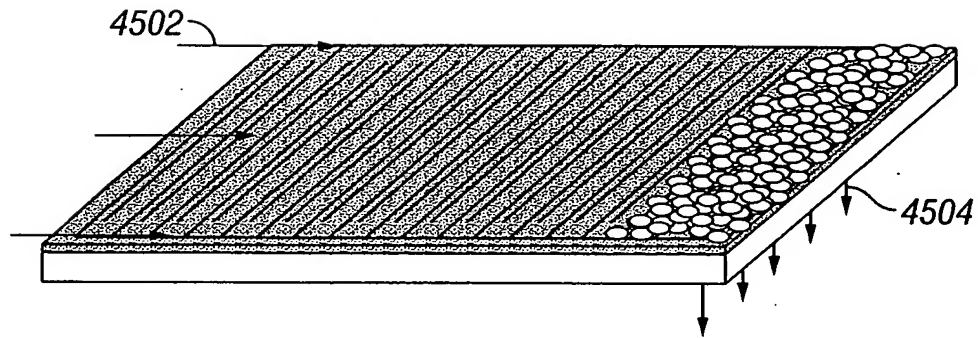


FIG. 45B

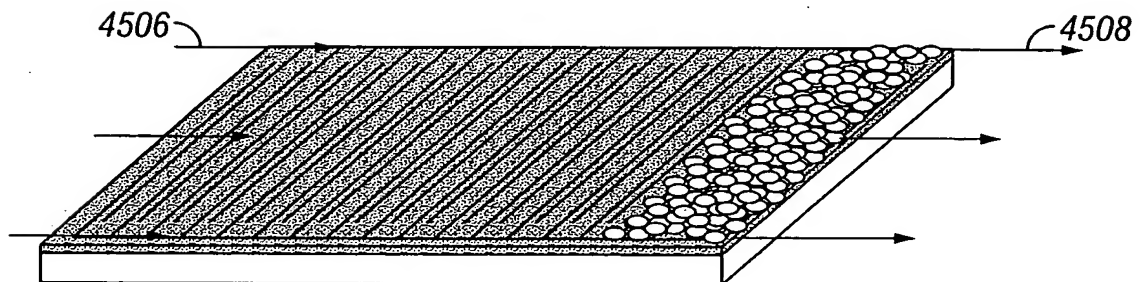


FIG. 45C

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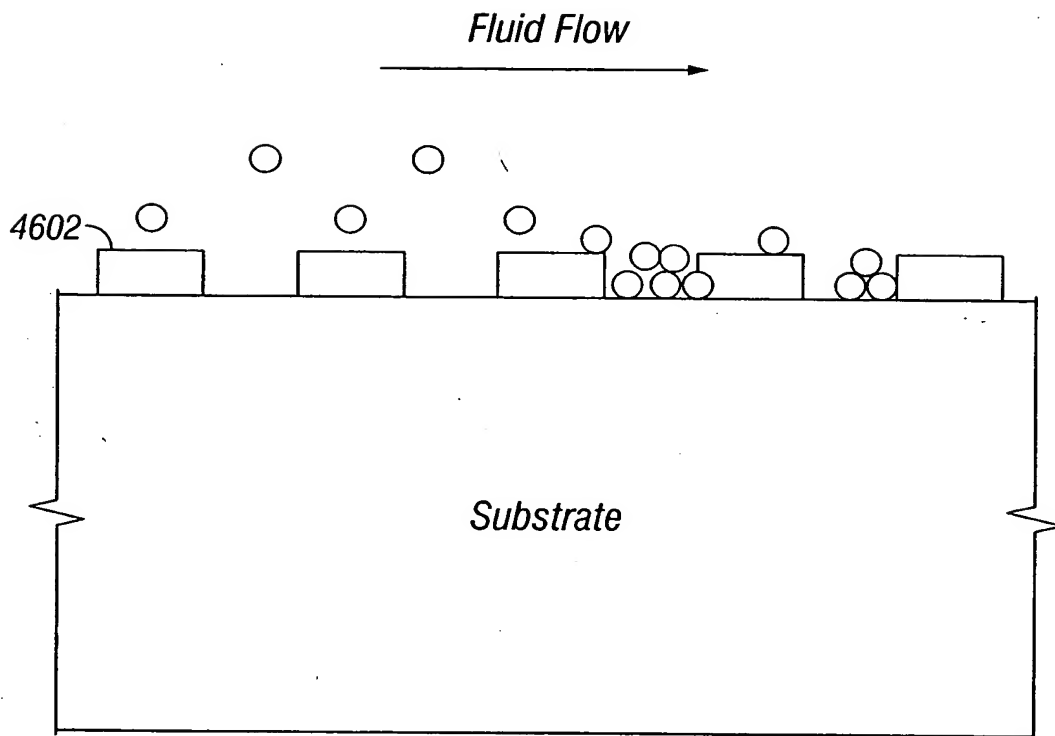


FIG. 46

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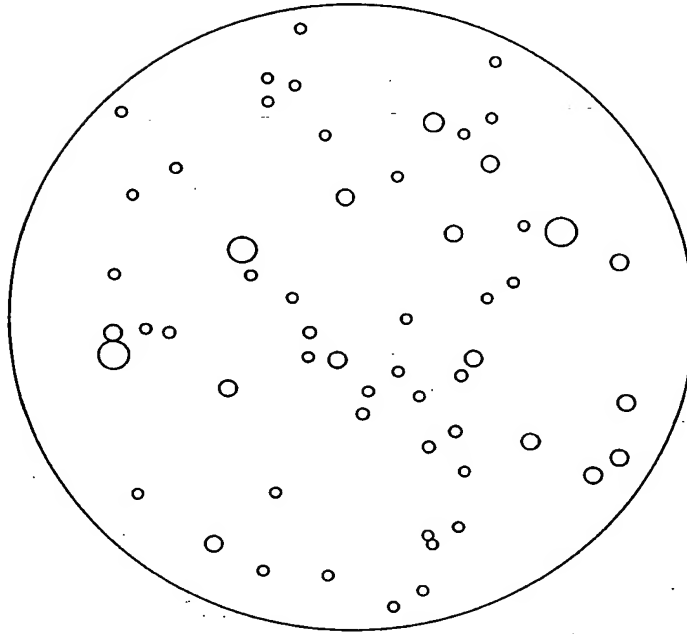


FIG. 47A

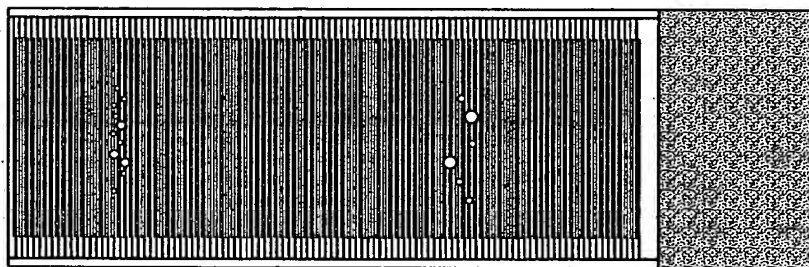


FIG. 47B

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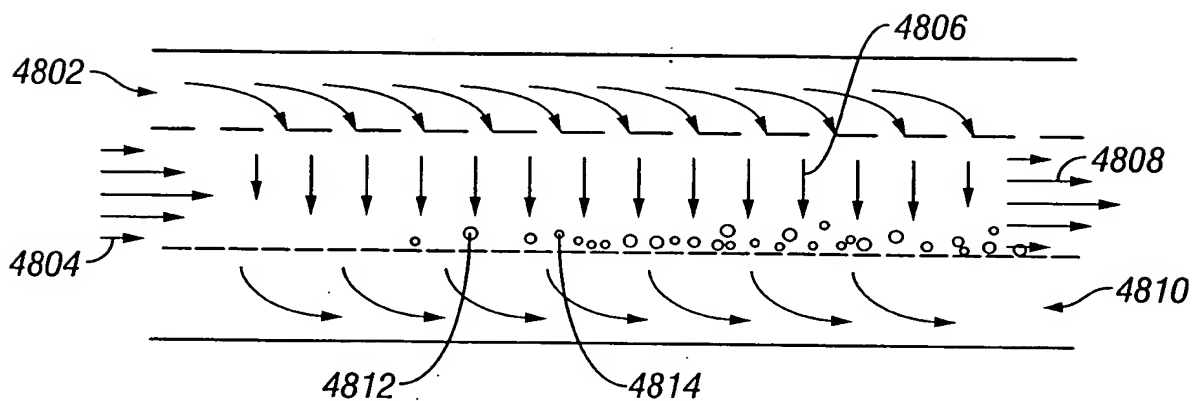


FIG. 48

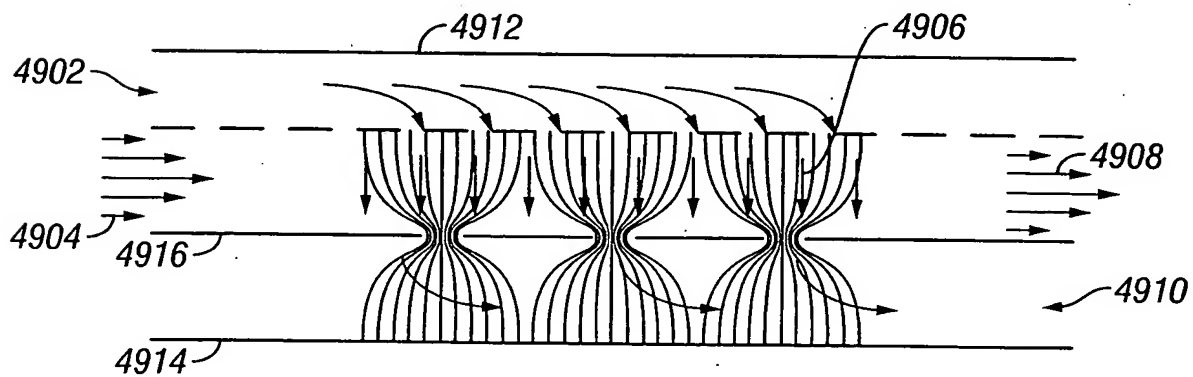


FIG. 49